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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JANUARY 1960
Volume 65 No. 1



THE LIBRARY OF THE
MAR 31 1960
UNIVERSITY OF MICHIGAN

NEW JERSEY - JANUARY 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 62° on the 27th at Pemberton 3 E

Lowest Temperature: 5° on the 24th at Layton 3 NW

Greatest Total Precipitation: 4.34 inches at Greenwood Lake

Least Total Precipitation: 2.18 inches at Canton

Greatest One-Day Precipitation: 1.81 inches on the 3rd at Split Rock
Pond

Greatest Reported Total Snowfall: 5.5 inches at Ridgefield

Greatest Reported Depth of Snow on Ground: 5 inches on the 29+ at 3
stations

| Station | | Temperature | | | | | | | | | | Precipitation | | | | | | | | | | | | |
|-----------------------|----|-----------------|-----------------|---------|-------------------------------|---------|------|--------|------|--------------|------------|---------------|----|-------|-------------------------------|--------------|------|-------------|---------------------|------|------------|------------|-------------|--------------|
| | | Average Maximum | Average Minimum | Average | Dewpoint From Long Term Means | Highest | Date | Lowest | Date | Degrees Days | No of Days | | | Total | Dewpoint From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No of Days | | | |
| | | | | | | | | | | | Max | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More | |
| | | | | | | | | | | | | | | | | | | | | | | | | 30° or Above |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | | 38.9 | 23.8 | 31.4 | 1.3 | 54 | 3 | 13 | 12 | 1031 | 0 | 3 | 29 | 0 | 3.07 | .71 | 1.14 | 3 | 2.1 | 2 | 13 | 5 | 2 | 2 |
| BOONTON 2 SE | AM | 38.1 | 22.8 | 30.5 | 1.4 | 55 | 3 | 12 | 12 | 1065 | 0 | 4 | 31 | 0 | 3.76 | .47 | 1.30 | 3 | | | 7 | 3 | 1 | |
| CANOE BROOK | AM | 38.7 | 22.2 | 30.5 | 1.4 | 57 | 3 | 12 | 12 | 1063 | 0 | 4 | 31 | 0 | 3.16 | .65 | 1.00 | 3 | 3.5 | 2 | 13 | 9 | 3 | 1 |
| CHARLOTTEBURG | AM | 36.6 | 20.1 | 28.4 | .6 | 55 | 3 | 9 | 12 | 1128 | 0 | 7 | 31 | 0 | 3.58 | .21 | 1.26 | 3 | 3.5 | 2 | 14 | 7 | 3 | 1 |
| ELIZABETH | | 41.3 | 25.1 | 33.2 | .1 | 57 | 3 | 15 | 12 | 979 | 0 | 1 | 29 | 0 | 2.74 | 1.41 | .73 | 28 | 3.0 | 1 | 14 | 5 | 3 | 0 |
| ESSEX FELS SERV BLDG | AM | 38.0 | 21.8 | 29.9 | | 58 | 3 | 14 | 13 | 1081 | 0 | 5 | 31 | 0 | 3.03 | | 1.31 | 4 | | | 6 | 2 | | |
| FLEMINGTON 1 NE | | 40.3 | 22.9 | 31.6 | - .3 | 55 | 3 | 8 | 24 | 1027 | 0 | 2 | 29 | 0 | 3.97 | .61 | 1.23 | 13 | 4.5 | 3 | 13 | 6 | 3 | 1 |
| HIGH POINT PARK | AM | 33.1 | 15.2 | 24.2 | | 52 | 3 | 6 | 12 | 1256 | 0 | 17 | 31 | 0 | 2.78 | | 1.35 | 3 | 5.3 | 5 | 29 | 5 | 2 | 1 |
| JERSEY CITY | | 37.3 | 27.4 | 32.4 | - .5 | 51 | 3 | 16 | 12 | 1006 | 0 | 4 | 27 | 0 | 3.29 | .18 | .76 | 3 | T | T | 11 | 8 | 3 | 0 |
| LAMBERTVILLE | | 40.4 | 26.3 | 33.4 | 1.6 | 56 | 3 | 15 | 12 | 974 | 0 | 1 | 27 | 0 | 3.56 | .12 | .95 | 13 | 2.5 | 1 | 18 | 6 | 3 | 0 |
| LAYTON 3 NW | | 37.1 | 20.7 | 28.9 | 1.9 | 53 | 3 | 5 | 24 | 1113 | 0 | 5 | 29 | 0 | 2.31 | .60 | 1.14 | 13 | 4.1 | | | 5 | 1 | 1 |
| LITTLE FALLS 1 E | AM | 40.5 | 24.5 | 32.5 | 1.2 | 58 | 3 | 14 | 12 | 1000 | 0 | 1 | 31 | 0 | 3.24 | .51 | 1.06 | 3 | 3.3 | 3 | 16 | 6 | 3 | 1 |
| LONG VALLEY | | 38.8 | 22.9 | 30.9 | | 55 | 3 | 12 | 12 | 1052 | 0 | 2 | 29 | 0 | 2.91 | .70 | 1.55 | 3 | 3.0 | | | 5 | 2 | 1 |
| MORRIS PLAINS | AM | 37.6 | 22.7 | 30.2 | | 54 | 3 | 11 | 12 | 1072 | 0 | 6 | 31 | 0 | 3.84 | | 1.43 | 3 | 2.8 | | | 6 | 3 | 2 |
| NEWARK WB AIRPORT | R | 40.3 | 28.5 | 34.4 | 2.9 | 57 | 3 | 19 | 12 | 940 | 0 | 1 | 24 | 0 | 2.79 | .81 | .79 | 13 | 3.6 | 2 | 14 | 7 | 2 | 0 |
| NEWTON | AM | 35.3 | 19.9 | 27.6 | - .3 | 55 | 3 | 9 | 24 | 1151 | 0 | 11 | 31 | 0 | 3.49 | .39 | 1.38 | 3 | 3.5 | 3 | 13 | 6 | 2 | 2 |
| PATERSON | AM | 39.7M | 25.1M | 32.4M | .5 | 56 | 3 | 16 | 12 | 1003 | 0 | 3 | 30 | 0 | 3.45 | .23 | 1.12 | 3 | 3.5 | 3 | 13 | 6 | 3 | 1 |
| PHILLIPSBURG | | 40.8 | 25.7 | 33.5 | 2.9 | 56 | 3 | 13 | 12 | 979 | 0 | 0 | 29 | 0 | 4.04 | .17 | 1.51 | 3 | 3.0 | 2 | 13 | 7 | 3 | 1 |
| PLAINFIELD | | 40.1 | 26.1 | 33.1 | .9 | 57 | 27 | 15 | 12 | 984 | 0 | 2 | 28 | 0 | 3.56 | .12 | .99 | 3 | 2.0 | | | 6 | 3 | 0 |
| RIOGEFIELD | | 39.1 | 26.3 | 32.7 | 1.5 | 55 | 3 | 15 | 12 | 995 | 0 | 3 | 28 | 0 | 2.73 | .99 | .85 | 3 | 5.5 | 3 | 19 | 7 | 2 | 0 |
| SOMERVILLE | | 39.3 | 25.7 | 32.5 | 1.0 | 56 | 3 | 13 | 12 | 998 | 0 | 2 | 28 | 0 | 3.53 | .18 | 1.09 | 3 | 3.0 | 2 | 13 | 5 | 3 | 2 |
| SUSSEX 3 N | // | 35.4 | 18.5 | 27.0 | - 1.2 | 55 | 4 | 8 | 12 | 1173 | 0 | 12 | 31 | 0 | 3.49 | .01 | 1.03 | 13 | 5 | 25 | 7 | 2 | 1 | |
| DIVISION | | | | | | | | | | | | | | | 3.29 | .28 | | | 3.2 | | | | | |
| SOUTHERN | | | | 31.0 | .5 | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 42.3 | 28.2 | 35.3 | .7 | 56 | 27 | 17 | 2 | 914 | 0 | 2 | 23 | 0 | 2.69 | .79 | .91 | 3 | .6 | 0 | | 6 | 1 | 0 |
| AUDUBON | | 42.0 | 28.5 | 35.3 | | 57 | 3 | 20 | 25 | 914 | 0 | 0 | 26 | 0 | 3.09 | | .76 | 13 | T | 0 | | 7 | 3 | 0 |
| BELLEPLAIN | | 44.5 | 27.7 | 36.1 | | 56 | 27 | 14 | 12 | 887 | 0 | 0 | 23 | 0 | 3.49 | .13 | .92 | 3 | | | | 7 | 4 | 0 |
| BURLINGTON | | 41.0M | 27.9 | 34.5M | - .1 | 56 | 27 | 18 | 12 | 935 | 0 | 0 | 24 | 0 | 3.42 | .07 | .89 | 3 | T | 0 | | 6 | 3 | 0 |
| CLAYTON | | 42.2 | 28.7 | 35.5 | | 55 | 27 | 17 | 2 | 911 | 0 | 1 | 24 | 0 | 2.55 | | 1.10 | 13 | T | T | 22 | 5 | 2 | 1 |
| FREEHOLD | | 40.9 | 27.0 | 34.0 | - 1.0 | 58 | 27 | 16 | 12 | 955 | 0 | 2 | 27 | 0 | 4.21 | .57 | 1.18 | 13 | 2.0 | 1 | 13 | 7 | 3 | 1 |
| HAMMONTON 2 NNE | AM | 42.3 | 25.9 | 34.1 | - .6 | 59 | 28 | 16 | 12 | 950 | 0 | 0 | 29 | 0 | 2.84 | .85 | .81 | 28 | | | | 6 | 3 | 0 |
| HIGHTSTOWN 1 N | | 40.2 | 26.9 | 33.6 | .9 | 57 | 27 | 15 | 12 | 968 | 0 | 3 | 28 | 0 | 3.79 | .51 | 1.12 | 13 | 2.7 | 1 | 13 | 6 | 3 | 1 |
| INOIAN MILLS 2 W | | 42.0 | 25.7 | 33.9 | .1 | 60 | 27 | 10 | 12 | 956 | 0 | 2 | 29 | 0 | 2.92 | .80 | .88 | 13 | T | T | 12 | 5 | 3 | 0 |
| LAURELTON 1 E | | 41.0 | 25.1 | 33.1 | - .6 | 54 | 3 | 14 | 2 | 985 | 0 | 2 | 28 | 0 | 3.59 | .26 | .92 | 3 | 2.8 | 3 | 12 | 7 | 3 | 0 |
| MILLVILLE | | 43.1 | 28.2M | 35.7M | | 57 | 28 | 19 | 25 | 910 | 0 | 0 | 25 | 0 | 2.49 | | .70 | 3 | T | 0 | | 6 | 1 | 0 |
| MOORESTOWN | | 41.5 | 27.6 | 34.6 | 1.4 | 57 | 3 | 16 | 12 | 937 | 0 | 1 | 24 | 0 | 2.98 | .25 | .72 | 13 | 1.0 | T | 14 | 7 | 3 | 0 |
| NEW BRUNSWICK EXP STA | | 40.5 | 25.5 | 33.0 | .4 | 57 | 3 | 14 | 12 | 985 | 0 | 2 | 28 | 0 | 3.58 | .20 | 1.05 | 13 | 1.8 | 1 | 14 | 5 | 3 | 1 |
| PEMBERTON 3 E | | 42.6 | 26.3 | 34.5 | .1 | 62 | 27 | 13 | 12 | 940 | 0 | 1 | 28 | 0 | 3.05 | .27 | .92 | 13 | 1.3 | T | 13 | 6 | 3 | 0 |
| SHILOH | | 42.1M | 28.3M | 35.2M | .4 | 55 | 27 | 19 | 12 | 916 | 0 | 2 | 26 | 0 | 2.62 | 1.05 | .83 | 3 | | | | 4 | 3 | 0 |
| TOMS RIVER | | 43.1 | 25.3 | 34.2 | | 60 | 27 | 13 | 12 | 947 | 0 | 1 | 29 | 0 | | | 1.11 | 13 | | | | 6 | 2 | |
| TRENTON WB CITY | R | 40.3 | 28.9 | 34.6 | 2.0 | 57 | 3 | 21 | 12 | 932 | 0 | 1 | 25 | 0 | 3.30 | .14 | .84 | 13 | 1.1 | 1 | 13 | 7 | 3 | 0 |
| TUCKERTON | | 43.2 | 25.8 | 34.5 | | 55 | 3 | 14 | 2 | 935 | 0 | 0 | 29 | 0 | 3.60 | | 1.20 | 13 | | | | 4 | 2 | |
| WOODSTOWN | | 42.5 | 28.5 | 35.5 | | 58 | 3 | 17 | 25 | 908 | 0 | 0 | 25 | 0 | 2.75 | | .83 | 3 | | | | 6 | 3 | 0 |
| DIVISION | | | | | | | | | | | | | | | 3.16 | .39 | | | 1.0 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 42.5 | 31.3 | 36.9 | 1.1 | 53 | 3 | 22 | 12 | 865 | 0 | 2 | 17 | 0 | 2.21 | 1.57 | .62 | 3 | | | | 6 | 2 | 0 |
| CAPE MAY 3 W | | 42.5M | 31.2M | 36.9M | | 54 | 3 | 22 | 2 | 866 | 0 | 0 | 14 | 0 | 2.62 | | .60 | 3 | | 0 | | 5 | 3 | 0 |
| LONG BRANCH | R | 39.8 | 28.8 | 34.3 | 1.0 | 55 | 3 | 20 | 12 | 943 | 0 | 2 | 25 | 0 | 4.11 | .18 | 1.11 | 3 | 2.0 | T | 19 | 7 | 3 | 1 |
| DIVISION | | | | | | | | | | | | | | | 2.98 | .69 | | | 2.0 | | | | | |

SUPPLEMENTAL DATA

[illegible]

DAILY PRECIPITATION

NEW JERSEY
JANUARY 1980

| Station | Total | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|--------------|-----|------|-----|---|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|----|-----|----|----|----|----|-----|------|-----|-----|-----|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| ATLANTIC CITY WB AP | 2.69 | | .01 | .91 | | | T | .04 | | | T | T | .10 | .48 | .38 | | | .09 | .01 | | | | T | | | | | | .22 | .45 | | | | |
| ATLANTIC CITY | 2.21 | | .01 | .02 | | | | .03 | | | | | | .10 | .58 | .36 | | | .06 | | | | | | | | | | .21 | .24 | | | | |
| AUDUBON | 3.09 | | T | .73 | | | | T | | | | | .10 | .76 | .55 | | | .38 | | | | T | | | | | | | .10 | .47 | | | | |
| BASS RIVER ST FOREST | 3.36 | | | 1.13 | | | | | | | | | | | .83 | .37 | .38 | | | * | .21 | | | | | | | | | .64 | | | | |
| BELLEPLAIN | 3.49 | | | .92 | | | | .10 | | | | | | | .60 | .81 | | | | .41 | .10 | | | | | | | | | .75 | | | | |
| BELMAR | 3.88 | | | .99 | | | | | | | | T | | * | * | 1.52 | | | | | | T | T | | | | | | | 1.15 | | | | |
| BELVIDERE | 3.07 | | | 1.14 | | | | | | T | | T | | 1.04 | T | .13 | | | .05 | .24 | T | | T | | | | | | | .47 | | | | |
| BERNARDSVILLE 2 E | 3.52 | | | .71 | .39 | | | | | | | | | .91 | .22 | .02 | .27 | | | .36 | | | | | | | | | | .64 | | | | |
| BLACKWELLS MILLS | 3.51 | | | .62 | .19 | | | | | | | | | .93 | .14 | .05 | .36 | | | .44 | | | | | | | | | | .76 | .02 | | | |
| BODNTON 2 SE | 3.78 | | | 1.30 | .08 | | | | | | T | | | .99 | .14 | .05 | .15 | | | .30 | .19 | | T | | | | | | | .56 | T | | | |
| BOUND BROOK 1 W | 3.38 | | | .50 | .38 | | | | | | T | T | | 1.05 | .08 | .09 | .23 | | | .41 | | | | | | | | | | .64 | | | | |
| BRANCHVILLE | 3.80 | | | 1.47 | T | | | | | | T | T | T | 1.07 | T | .34 | | | .30 | | | T | | | | | | | | .41 | .01 | | | |
| BURLINGTON | 3.42 | | .08 | .89 | | | | T | | | | | | .80 | .02 | .46 | | | .33 | .23 | | | T | | | | | | | .63 | | | | |
| CANISTEAR RESERVOIR | 3.89 | | | 1.40 | .20 | | | | | | | | .04 | .93 | .05 | .28 | .08 | | | .25 | .09 | | | | | | | | | .55 | .02 | | | |
| CANOE BROOK | 3.18 | | | 1.00 | .02 | | | | | | | T | | .91 | .17 | .08 | .04 | | | .32 | | | | | | | | | | .62 | T | | | |
| CANTON | 2.18 | | | .61 | | | | | | .03 | | | | .55 | .29 | .09 | | | | .14 | | | | | | | | | | | .47 | | | |
| CAPE MAY 3 W | 2.62 | | | .69 | | | .02 | .13 | | | | | | .84 | .01 | .61 | .02 | .01 | .01 | | | | | | | | | | | | .46 | | | |
| CEDAR GROVE | 3.11 | | | 1.07 | | | | | | | | | | .82 | .25 | | | | | .25 | .02 | | | | | | | | | | .63 | .07 | | |
| CHARLOTTEBURG | 3.58 | | | 1.26 | .17 | | | | | | | | .02 | .88 | .13 | .08 | .12 | | | .34 | .02 | | | | | | | | | | .54 | .02 | | |
| CHATHAM | 3.14 | | | 1.03 | .10 | | | | | | | | | .98 | .10 | .05 | T | | | .30 | | | | | | | | | | | .60 | T | | |
| CLAYTON | 2.55 | T | .79 | | | | T | T | | | | | T | 1.10 | T | .40 | .15 | | .10 | .01 | | | T | | | | | | | | | | | |
| CLINTON | 3.68 | | | 1.25 | | | | | | | | | | 1.11 | .02 | .31 | | | .21 | .16 | | | | | | | | | | | .62 | | | |
| ELIZABETH | 2.74 | | | .69 | | | | | T | | | | | .68 | .06 | .34 | | | .03 | .23 | | | | | | | | | | | .73 | | | |
| ELIZABETHPORT | 3.18 | | .02 | .76 | | | | | | | T | T | .19 | .87 | .36 | | | | .24 | T | | | | | | | | | .18 | | .56 | | | |
| ESSEX FELLS SERV BLDG | 3.03 | | * | 1.31 | | | | | | | | .10 | | .42 | .01 | | | | .12 | | | | | | | | | | | 1.05 | .02 | | | |
| FLEMINGTON 1 NE | 3.97 | T | .95 | | | | | T | T | T | T | | | 1.23 | .04 | .31 | | | .28 | .20 | T | T | T | | | | | | | | .96 | | | |
| FORTESCUE | 2.53 | | | .75 | | | | | | | | | | .70 | .26 | | .28 | | | .06 | | | | | | | | | | | .48 | | | |
| FRENCHOLD | 4.21 | | | .96 | | | | | | | | | | 1.18 | .35 | | | | .27 | .29 | | | | .25 | | | | | | | .91 | | | |
| GREENWOOD LAKE | 4.34 | | | 1.40 | .69 | | | | | | T | .07 | | .81 | .15 | .07 | .16 | | | .32 | .07 | | | | | | | | | | .55 | .05 | | |
| HAMMONTON 2 NNE | 2.84 | | | .71 | | | | | | | | | | .70 | .13 | .24 | | | | .22 | .03 | | | | | | | | | | .81 | | | |
| HIGH POINT PARK | 2.78 | | | 1.35 | | | | | | | | .12 | | .73 | T | | | | .19 | .29 | T | | | | | | | | | | .29 | T | | |
| HIGHTSTOWN 1 N | 3.79 | | | .97 | | | | | T | | | T | | 1.12 | T | .30 | | | .19 | .28 | T | | T | | | | | | | | .93 | | | |
| INDIAN HILLS 2 W | 2.92 | T | .73 | | | | T | T | | | | T | T | .88 | T | .45 | T | | .21 | .05 | | T | T | | | | | | | T | .60 | | | |
| IRVINGTON | 3.03 | | .07 | .78 | | | | | | | | .02 | T | .21 | .80 | .33 | | | .23 | .02 | | | | | | | | | | | .17 | .40 | | |
| JERSEY CITY | 3.29 | | .50 | .76 | | | | | T | | | T | T | .17 | .84 | .35 | | | .24 | | | | | | | | | | | | .16 | .47 | | |
| LAMBERTVILLE | 3.56 | | | .88 | | | | | | | | | | .95 | T | .35 | .01 | | .45 | .19 | | | T | | | | | | | | .73 | | | |
| LAURELTON 1 E | 3.59 | | .02 | .92 | | | | | | | | | .24 | .90 | T | .40 | | | .34 | T | | T | T | | | | | | | .20 | .57 | | | |
| LAYTON 3 NW | 2.31 | | | .28 | | | | | | | .04 | | | 1.14 | .14 | | | | .03 | .12 | | | | | | | | | | | .46 | | | |
| LITTLE FALLS 1 E | 3.24 | | | 1.06 | .02 | | | | | | | .01 | | .88 | .11 | .08 | .12 | | | .33 | .02 | | | | | | | | | | .62 | | | |
| LONG BRANCH | 4.11 | | .03 | 1.11 | | | | T | T | | | T | .34 | .73 | .39 | | | | .48 | T | | | | | | | | | | .21 | .82 | | .01 | |
| LONG VALLEY | 2.91 | | | 1.55 | | | | | | | | | | * | .20 | .28 | | | .30 | | | | | | | | | | | | .58 | | | |
| MACDPIN INTAKE | 3.71 | | | 1.53 | .11 | | | | | | | .02 | | .88 | .11 | .07 | .12 | | | .37 | T | | | | | | | | | | .50 | T | | |
| MAHWAH | 3.24 | | | 1.18 | .05 | | | | | | | .05 | | .88 | .15 | .03 | .08 | | | .35 | .02 | | | | | | | | | | .65 | T | | |
| MANVILLE | D3.52 | | .04 | .83 | | | | | | | | .03 | .35 | * | * | 1.20 | | .50 | | | | | | | | | | | | .20 | .40 | | | |
| MAYS LANDING | - | | | - | | | | .10 | | | | | | - | | .35 | .10 | | .10 | .20 | .10 | .10 | | | | | | | | | .50 | | | |
| MIDLAND PARK | 3.28 | | .02 | 1.35 | | | | | | | | .04 | .02 | .83 | .19 | | | .31 | | | | | | | | | | | | | .18 | .54 | | |
| MILLVILLE | 2.49 | | .08 | .70 | | | | | .06 | | | | .14 | .49 | .40 | | | .08 | .06 | | | | T | | | | | | | | .37 | .16 | | |
| MILTON | 3.88 | | | 1.61 | .09 | | | | | | | | | .64 | .23 | .06 | .20 | | .36 | | | | | | | | | | | | .61 | .02 | | |
| MOORESTOWN | 2.98 | | | .71 | | | | | | | T | T | T | .72 | .15 | .15 | .29 | | | .42 | | | | | | | | | | | .54 | T | | |
| MORRIS PLAINS | 3.84 | T | | 1.43 | .03 | | | | | T | T | T | T | 1.02 | .14 | .07 | .20 | | | .30 | .05 | T | T | T | | | | | | | .60 | T | | |
| NEWARK WB AIRPORT | 2.79 | | .03 | .60 | | | | | | T | | T | .01 | .28 | .79 | .36 | | | .19 | .02 | | | | | | | | | | .12 | .39 | | | |
| NEW BRUNSWICK EXP STA | 3.58 | | | .93 | | | | | | | | T | | 1.05 | .43 | | | | .32 | T | | | | | | | | | | | .85 | | | |
| NEW MILFORD | 2.91 | | .02 | 1.04 | | | | | | | | T | .18 | .70 | .12 | | | | .20 | .03 | | | | | | | | | | .08 | .50 | | | |
| NEWTON | 3.49 | | | 1.38 | .10 | | | | | | | | T | 1.05 | .11 | .09 | .04 | | | .26 | .01 | | | | | | | | | | .45 | T | | |
| OAK RIDGE RESERVOIR | 4.09 | | | 1.39 | .22 | | | | | | | .02 | | 1.02 | .17 | .06 | | .21 | | .34 | .06 | | | | | | | | | | .58 | .02 | | |
| OLDWICK | 3.71 | | | 1.25 | | | | | | | | | T | 1.03 | .07 | .11 | .17 | | | .43 | | | | | | | | | | | .65 | | | |
| ORANGE | 3.52 | .01 | | 1.09 | | | | | | | | .01 | * | 1.17 | .04 | .20 | .05 | | .29 | | | | | | | | | | | | .62 | .04 | | |
| PATERSON | 3.45 | | | 1.12 | | | | | | | T | | | .97 | .12 | .01 | .38 | | | .16 | T | | | T | T | T | | | | | .65 | .02 | | |
| PEMBERTON 3 E | 3.05 | | | .69 | | | | .02 | | | | | | .92 | .39 | | | | .20 | .13 | | | | | | | | | | | .70 | | | |
| PHILLIPSBURG | 4.04 | | | 1.51 | | | | | | | | | | .80 | .22 | .29 | T | | .31 | .32 | | | | | | | | | | | .59 | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
JANUARY 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX | 42 | 51 | 54 | 41 | 43 | 39 | 36 | 47 | 39 | 41 | 35 | 37 | 41 | 46 | 49 | 44 | 41 | 48 | 41 | 36 | 32 | 32 | 38 | 37 | 39 | 48 | 56 | 49 | 47 | 41 | 42 | 42.3 |
| | MIN | 22 | 17 | 35 | 32 | 30 | 32 | 34 | 34 | 25 | 27 | 20 | 19 | 32 | 30 | 37 | 31 | 26 | 33 | 33 | 27 | 23 | 23 | 24 | 20 | 20 | 27 | 25 | 39 | 35 | 29 | 32 | 28.2 |
| ATLANTIC CITY | MAX | 43 | 51 | 53 | 41 | 43 | 40 | 37 | 48 | 39 | 45 | 36 | 36 | 42 | 47 | 49 | 44 | 43 | 48 | 42 | 36 | 32 | 32 | 39 | 37 | 38 | 49 | 48 | 47 | 47 | 40 | 43 | 42.5 |
| | MIN | 27 | 28 | 35 | 34 | 32 | 33 | 34 | 36 | 30 | 36 | 26 | 22 | 34 | 32 | 41 | 31 | 28 | 34 | 32 | 27 | 24 | 24 | 26 | 24 | 27 | 33 | 33 | 39 | 37 | 32 | 39 | 31.3 |
| AUDUBON | MAX | 44 | 42 | 57 | 40 | 41 | 38 | 38 | 49 | 42 | 38 | 37 | 35 | 35 | 44 | 47 | 43 | 42 | 41 | 41 | 38 | 34 | 34 | 39 | 37 | 40 | 49 | 55 | 45 | 49 | 45 | 42 | 42.0 |
| | MIN | 27 | 20 | 29 | 33 | 30 | 30 | 33 | 32 | 26 | 29 | 20 | 20 | 29 | 28 | 35 | 30 | 31 | 32 | 28 | 27 | 22 | 23 | 29 | 23 | 20 | 28 | 28 | 39 | 37 | 30 | 31 | 28.5 |
| BELLEPLAIN | MAX | 45 | 55 | 56 | 44 | 42 | 42 | 38 | 47 | 48 | 47 | 42 | 38 | 42 | 45 | 49 | 51 | 41 | 42 | 44 | 36 | 36 | 33 | 34 | 40 | 40 | 49 | 56 | 54 | 48 | 48 | 49 | 44.5 |
| | MIN | 19 | 16 | 33 | 29 | 28 | 32 | 33 | 33 | 25 | 27 | 29 | 14 | 36 | 30 | 35 | 31 | 26 | 32 | 34 | 29 | 23 | 22 | 26 | 15 | 15 | 26 | 24 | 41 | 35 | 29 | 31 | 27.7 |
| BELVIDERE | MAX | 45 | 37 | 54 | 42 | 37 | 38 | 38 | 47 | 43 | 30 | 38 | 32 | 33 | 35 | 35 | 39 | 44 | 36 | 38 | 36 | 32 | 34 | 36 | 36 | 36 | 45 | 42 | 40 | 47 | 44 | 37 | 38.9 |
| | MIN | 20 | 14 | 33 | 29 | 23 | 25 | 28 | 30 | 20 | 24 | 23 | 13 | 26 | 16 | 28 | 28 | 26 | 27 | 29 | 24 | 22 | 23 | 25 | 14 | 15 | 20 | 23 | 33 | 32 | 23 | 22 | 23.8 |
| BOONTON 2 SE | MAX | 37 | 44 | 55 | 50 | 36 | 36 | 36 | 38 | 46 | 30 | 28 | 32 | 35 | 33 | 36 | 39 | 35 | 39 | 35 | 39 | 33 | 31 | 33 | 34 | 37 | 39 | 42 | 45 | 39 | 46 | 42 | 38.1 |
| | MIN | 25 | 15 | 16 | 32 | 28 | 25 | 25 | 27 | 20 | 20 | 20 | 12 | 15 | 17 | 18 | 28 | 29 | 29 | 30 | 27 | 25 | 25 | 25 | 16 | 16 | 17 | 23 | 24 | 31 | 25 | 23 | 22.8 |
| BURLINGTON | MAX | 44 | 40 | 40 | 44 | 40 | 40 | 38 | 47 | 44 | 36 | 35 | 34 | 36 | 41 | 45 | 45 | 44 | 37 | 41 | 37 | 33 | 34 | 36 | 39 | 41 | 41 | 56 | 50 | 48 | 44 | 42 | 41.0 |
| | MIN | 24 | 18 | 35 | 36 | 28 | 29 | 32 | 44 | 26 | 24 | 25 | 18 | 23 | 28 | 36 | 31 | 28 | 32 | 28 | 28 | 24 | 24 | 28 | 22 | 22 | 22 | 27 | 35 | 34 | 29 | 34 | 27.9 |
| CANOE BROOK | MAX | 39 | 44 | 57 | 48 | 37 | 36 | 38 | 38 | 48 | 30 | 29 | 30 | 34 | 33 | 34 | 39 | 35 | 40 | 37 | 39 | 35 | 32 | 35 | 36 | 36 | 40 | 43 | 50 | 39 | 47 | 41 | 38.7 |
| | MIN | 18 | 14 | 21 | 32 | 25 | 26 | 27 | 28 | 21 | 21 | 20 | 12 | 17 | 14 | 21 | 29 | 28 | 29 | 31 | 28 | 25 | 25 | 15 | 14 | 13 | 17 | 21 | 23 | 31 | 22 | 21 | 22.2 |
| CAPE MAY 3 W | MAX | 40 | 46 | 54 | 47 | 43 | 40 | 47 | 45 | 45 | 44 | 42 | 34 | 43 | 42 | 47 | 46 | 39 | 44 | 47 | 37 | 35 | 35 | 36 | 37 | 37 | 41 | 50 | 47 | 42 | 45 | 42.5 | |
| | MIN | 30 | 22 | 33 | 36 | 31 | 30 | 35 | 33 | 33 | 29 | 23 | 23 | 32 | 35 | 36 | 34 | 33 | 36 | 36 | 33 | 33 | 25 | 31 | 26 | 26 | 31 | 36 | 38 | 33 | 35 | 31.2 | |
| CHARLOTTEBURG | MAX | 32 | 40 | 55 | 50 | 33 | 34 | 36 | 37 | 47 | 28 | 27 | 29 | 35 | 33 | 36 | 39 | 33 | 37 | 33 | 38 | 34 | 28 | 31 | 32 | 35 | 38 | 42 | 41 | 35 | 44 | 42 | 36.6 |
| | MIN | 24 | 9 | 14 | 30 | 23 | 22 | 22 | 26 | 16 | 16 | 14 | 10 | 13 | 18 | 19 | 25 | 25 | 28 | 28 | 24 | 22 | 21 | 22 | 16 | 12 | 12 | 19 | 20 | 30 | 25 | 18 | 20.1 |
| CLAYTON | MAX | 45 | 46 | 47 | 42 | 41 | 39 | 37 | 48 | 42 | 40 | 37 | 35 | 38 | 37 | 47 | 46 | 41 | 43 | 44 | 36 | 32 | 35 | 37 | 38 | 41 | 47 | 55 | 54 | 48 | 45 | 44 | 42.2 |
| | MIN | 33 | 17 | 35 | 32 | 30 | 29 | 33 | 31 | 27 | 25 | 28 | 29 | 30 | 30 | 35 | 30 | 28 | 35 | 32 | 29 | 21 | 21 | 22 | 22 | 19 | 27 | 27 | 34 | 36 | 30 | 32 | 28.7 |
| ELIZABETH | MAX | 46 | 42 | 57 | 42 | 37 | 41 | 40 | 50 | 44 | 30 | 34 | 36 | 35 | 39 | 40 | 39 | 44 | 39 | 42 | 38 | 34 | 36 | 37 | 40 | 41 | 41 | 56 | 46 | 50 | 45 | 38 | 41.3 |
| | MIN | 20 | 18 | 35 | 31 | 22 | 29 | 31 | 26 | 20 | 23 | 20 | 15 | 25 | 22 | 29 | 27 | 26 | 29 | 29 | 26 | 23 | 30 | 30 | 17 | 16 | 17 | 25 | 34 | 30 | 27 | 27 | 25.1 |
| ESSEX FELS SERV BLOC | MAX | 35 | 40 | 58 | 55 | 43 | 39 | 39 | 42 | 45 | 34 | 28 | 33 | 31 | 32 | 34 | 35 | 36 | 40 | 34 | 30 | 28 | 33 | 34 | 34 | 40 | 39 | 38 | 40 | 42 | 48 | 38 | 38.0 |
| | MIN | 15 | 19 | 24 | 29 | 24 | 22 | 26 | 25 | 18 | 22 | 22 | 20 | 14 | 12 | 30 | 22 | 21 | 30 | 21 | 20 | 18 | 21 | 20 | 20 | 18 | 20 | 23 | 28 | 30 | 22 | 25 | 21.8 |
| FLEMINGTON 1 NE | MAX | 43 | 40 | 55 | 45 | 37 | 39 | 39 | 48 | 42 | 32 | 36 | 36 | 33 | 38 | 36 | 40 | 42 | 36 | 39 | 36 | 32 | 33 | 36 | 37 | 41 | 46 | 54 | 44 | 48 | 43 | 42 | 40.3 |
| | MIN | 22 | 13 | 34 | 31 | 24 | 21 | 24 | 30 | 22 | 17 | 21 | 11 | 23 | 17 | 27 | 29 | 28 | 28 | 30 | 27 | 20 | 21 | 25 | 8 | 11 | 20 | 19 | 35 | 30 | 20 | 22 | 22.9 |
| FREEHOLD | MAX | 42 | 46 | 55 | 40 | 39 | 39 | 37 | 48 | 42 | 33 | 31 | 35 | 38 | 38 | 44 | 40 | 42 | 40 | 42 | 36 | 30 | 33 | 36 | 38 | 39 | 47 | 58 | 49 | 49 | 43 | 39 | 40.9 |
| | MIN | 22 | 19 | 38 | 31 | 27 | 27 | 33 | 32 | 23 | 27 | 24 | 16 | 26 | 24 | 30 | 29 | 28 | 31 | 31 | 27 | 24 | 22 | 25 | 18 | 19 | 24 | 29 | 39 | 34 | 27 | 30 | 27.0 |
| HAMMONTON 2 NNE | MAX | 40 | 42 | 56 | 52 | 41 | 43 | 39 | 36 | 48 | 35 | 37 | 34 | 36 | 38 | 45 | 49 | 40 | 42 | 45 | 42 | 37 | 33 | 33 | 38 | 37 | 42 | 49 | 59 | 46 | 49 | 48 | 42.3 |
| | MIN | 22 | 17 | 17 | 28 | 28 | 28 | 28 | 30 | 25 | 22 | 25 | 16 | 20 | 28 | 31 | 31 | 25 | 33 | 32 | 29 | 22 | 23 | 24 | 22 | 20 | 22 | 30 | 32 | 34 | 29 | 29 | 25.9 |
| HIGH POINT PARK | MAX | 38 | 35 | 52 | 49 | 37 | 31 | 32 | 35 | 47 | 28 | 21 | 26 | 29 | 29 | 31 | 34 | 36 | 31 | 32 | 32 | 27 | 24 | 25 | 29 | 26 | 34 | 38 | 34 | 33 | 38 | 32 | 33.1 |
| | MIN | 15 | 8 | 16 | 21 | 18 | 14 | 13 | 20 | 7 | 7 | 7 | 6 | 12 | 16 | 19 | 14 | 17 | 20 | 21 | 15 | 14 | 15 | 16 | 8 | 11 | 18 | 19 | 22 | 28 | 20 | 15 | 15.2 |
| HIGHTSTOWN 1 N | MAX | 40 | 40 | 57 | 43 | 39 | 38 | 38 | 47 | 42 | 32 | 32 | 34 | 35 | 37 | 42 | 40 | 41 | 38 | 40 | 35 | 32 | 34 | 36 | 35 | 38 | 45 | 57 | 48 | 48 | 43 | 39 | 40.2 |
| | MIN | 23 | 18 | 37 | 32 | 28 | 28 | 31 | 32 | 25 | 22 | 25 | 15 | 27 | 22 | 30 | 30 | 29 | 31 | 31 | 29 | 25 | 22 | 27 | 19 | 20 | 25 | 25 | 36 | 35 | 27 | 28 | 26.9 |
| INDIAN MILLS 2 W | MAX | 45 | 45 | 56 | 40 | 41 | 39 | 36 | 48 | 41 | 36 | 35 | 35 | 36 | 44 | 47 | 45 | 41 | 42 | 43 | 37 | 32 | 32 | 38 | 38 | 41 | 48 | 60 | 48 | 48 | 45 | 41 | 42.0 |
| | MIN | 20 | 13 | 39 | 30 | 26 | 28 | 30 | 32 | 22 | 20 | 24 | 10 | 28 | 27 | 32 | 30 | 27 | 31 | 30 | 29 | 21 | 23 | 25 | 17 | 14 | 26 | 21 | 38 | 29 | 26 | 29 | 25.7 |
| JERSEY CITY | MAX | 40 | 44 | 51 | 38 | 36 | 36 | 36 | 47 | 35 | 27 | 31 | 32 | 33 | 34 | 40 | 35 | 40 | 36 | 36 | 34 | 31 | 33 | 34 | 34 | 37 | 43 | 46 | 37 | 47 | 39 | 35 | 37.3 |
| | MIN | 25 | 23 | 36 | 31 | 29 | 28 | 32 | 35 | 23 | 24 | 19 | 16 | 27 | 24 | 28 | 29 | 28 | 32 | 28 | 25 | 25 | 23 | 25 | 24 | 24 | 30 | 27 | 35 | 35 | 29 | 31 | 27.4 |
| LAMBERTVILLE | MAX | 44 | 39 | 56 | 40 | 38 | 39 | 39 | 49 | 43 | 34 | 36 | 35 | 34 | 37 | 37 | 40 | 43 | 37 | 40 | 36 | 32 | 35 | 37 | 38 | 40 | 47 | 54 | 44 | 48 | 44 | 38 | 40.4 |
| | MIN | 20 | 16 | 34 | 32 | 27 | 28 | 31 | 33 | 24 | 23 | 25 | 15 | 27 | 21 | 31 | 30 | 30 | 31 | 32 | 29 | 23 | 23 | 27 | 16 | 17 | 25 | 25 | 36 | 35 | 24 | 25 | 26.3 |
| LAURELTON 1 E | MAX | 43 | 47 | 54 | 41 | 41 | 39 | 37 | 48 | 38 | 35 | 32 | 36 | 38 | 39 | 46 | 37 | 44 | 42 | 40 | 37 | 32 | 34 | 39 | 40 | 40 | 48 | 5 | | | | | |

DAILY TEMPERATURES

NEW JERSEY
JANUARY 1960

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SOMERVILLE | MAX | 42 | 39 | 56 | 37 | 37 | 37 | 38 | 48 | 42 | 30 | 35 | 33 | 33 | 37 | 39 | 39 | 41 | 36 | 40 | 35 | 32 | 34 | 35 | 36 | 39 | 45 | 54 | 41 | 48 | 42 | 37 | 39.3 |
| | MIN | 22 | 14 | 37 | 32 | 26 | 27 | 29 | 31 | 23 | 22 | 24 | 13 | 26 | 20 | 30 | 30 | 29 | 31 | 31 | 29 | 25 | 24 | 26 | 15 | 15 | 21 | 24 | 34 | 33 | 24 | 30 | 25.7 |
| SUSSEX 3 N | MAX | 35 | 40 | 52 | 55 | 35 | 37 | 31 | 36 | 46 | 21 | 24 | 25 | 27 | 30 | 30 | 37 | 32 | 36 | 31 | 39 | 33 | 29 | 31 | 32 | 34 | 35 | 41 | 45 | 35 | 45 | 37 | 35.4 |
| | MIN | 18 | 8 | 10 | 31 | 22 | 22 | 21 | 26 | 16 | 15 | 14 | 8 | 9 | 12 | 9 | 25 | 23 | 26 | 26 | 20 | 23 | 22 | 22 | 9 | 11 | 13 | 18 | 20 | 31 | 25 | 18 | 18.5 |
| TOMS RIVER | MAX | 43 | 49 | 56 | 42 | 42 | 40 | 39 | 55 | 43 | 36 | 35 | 37 | 40 | 42 | 48 | 48 | 44 | 41 | 41 | 34 | 32 | 39 | 41 | 38 | 41 | 49 | 60 | 49 | 52 | 40 | 41 | 43.1 |
| | MIN | 18 | 13 | 40 | 29 | 26 | 29 | 30 | 32 | 25 | 19 | 26 | 13 | 29 | 23 | 31 | 30 | 29 | 30 | 23 | 22 | 26 | 24 | 30 | 14 | 14 | 23 | 20 | 23 | 36 | 24 | 32 | 25.3 |
| TRENTON W8 CITY | MAX | 42 | 48 | 57 | 39 | 40 | 37 | 39 | 48 | 36 | 32 | 34 | 36 | 35 | 39 | 42 | 39 | 41 | 39 | 40 | 35 | 33 | 33 | 37 | 37 | 39 | 47 | 55 | 42 | 48 | 41 | 39 | 40.3 |
| | MIN | 26 | 24 | 37 | 32 | 29 | 29 | 34 | 34 | 25 | 27 | 23 | 21 | 28 | 30 | 33 | 30 | 30 | 32 | 30 | 26 | 24 | 23 | 28 | 23 | 25 | 28 | 30 | 37 | 37 | 31 | 30 | 28.9 |
| TUCKERTON | MAX | 43 | 47 | 55 | 43 | 45 | 40 | 36 | 49 | 43 | 40 | 36 | 37 | 42 | 48 | 50 | 48 | 43 | 43 | 48 | 38 | 34 | 33 | 40 | 38 | 40 | 49 | 50 | 47 | 49 | 44 | 42 | 43.2 |
| | MIN | 20 | 14 | 28 | 30 | 26 | 29 | 31 | 32 | 26 | 20 | 25 | 15 | 28 | 27 | 34 | 30 | 24 | 31 | 27 | 26 | 20 | 22 | 25 | 16 | 17 | 27 | 21 | 38 | 32 | 27 | 32 | 25.8 |
| WOODSTOWN | MAX | 43 | 41 | 58 | 43 | 41 | 39 | 37 | 49 | 43 | 41 | 38 | 35 | 38 | 45 | 48 | 46 | 42 | 40 | 43 | 36 | 33 | 33 | 39 | 37 | 39 | 49 | 56 | 50 | 48 | 45 | 43 | 42.5 |
| | MIN | 28 | 19 | 37 | 33 | 31 | 29 | 32 | 33 | 28 | 25 | 28 | 18 | 29 | 28 | 36 | 31 | 28 | 32 | 31 | 30 | 23 | 23 | 28 | 20 | 17 | 27 | 25 | 40 | 37 | 27 | 30 | 28.5 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 37 | 36 | 43 | 38 | 34 | 36 | 36 | 39 | 35 | 32 | 32 | 31 | 32 | 33 | 35 | 35 | 34 | 34 | 36 | 32 | 31 | 31 | 31 | 32 | 32 | 32 | 35 | 36 | 40 | 36 | 35 | 34.6 |
| | MIN | 31 | 31 | 35 | 34 | 32 | 32 | 33 | 34 | 31 | 31 | 30 | 30 | 31 | 31 | 32 | 31 | 31 | 32 | 32 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 34 | 35 | 33 | 32 | 31.6 |
| 2 INCHES | MAX | 36 | 35 | 42 | 38 | 34 | 35 | 35 | 38 | 34 | 33 | 32 | 31 | 32 | 33 | 34 | 34 | 34 | 33 | 35 | 33 | 31 | 31 | 31 | 31 | 31 | 31 | 34 | 35 | 39 | 36 | 35 | 34.1 |
| | MIN | 32 | 32 | 35 | 35 | 33 | 33 | 33 | 35 | 33 | 32 | 31 | 31 | 31 | 32 | 32 | 32 | 31 | 32 | 33 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 34 | 35 | 34 | 33 | 32.3 |
| 4 INCHES | MAX | 35 | 35 | 42 | 37 | 34 | 35 | 35 | 37 | 33 | 33 | 32 | 31 | 32 | 33 | 34 | 34 | 33 | 33 | 35 | 33 | 31 | 31 | 31 | 31 | 31 | 31 | 33 | 35 | 38 | 36 | 35 | 33.8 |
| | MIN | 33 | 32 | 35 | 35 | 33 | 33 | 33 | 35 | 33 | 32 | 31 | 31 | 31 | 32 | 32 | 32 | 31 | 32 | 33 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 34 | 35 | 34 | 33 | 32.3 |
| 8 INCHES | MAX | 36 | 35 | 40 | 39 | 36 | 35 | 35 | 37 | 36 | 35 | 34 | 33 | 33 | 34 | 34 | 34 | 33 | 34 | 35 | 34 | 33 | 32 | 32 | 33 | 32 | 32 | 33 | 35 | 37 | 36 | 36 | 34.7 |
| | MIN | 35 | 34 | 35 | 36 | 35 | 34 | 35 | 35 | 35 | 33 | 33 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 35 | 35 | 34 | 33.4 |
| 12 INCHES | MAX | 37 | 36 | 39 | 39 | 37 | 36 | 36 | 37 | 37 | 36 | 35 | 35 | 34 | 34 | 35 | 35 | 35 | 35 | 35 | 33 | 34 | 34 | 33 | 34 | 34 | 34 | 34 | 35 | 36 | 36 | 36 | 35.4 |
| | MIN | 36 | 36 | 36 | 38 | 36 | 36 | 36 | 36 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 35 | 35 | 35 | 34.6 |
| 16 INCHES | MAX | 37 | 37 | 39 | 39 | 38 | 37 | 37 | 37 | 38 | 37 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 35 | 36 | 36 | 36 | 35.9 |
| | MIN | 37 | 37 | 37 | 38 | 37 | 37 | 37 | 37 | 37 | 36 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 36 | 35.4 |

Slope of Ground: Flat. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

SNOWFALL AND SNOW ON GROUND

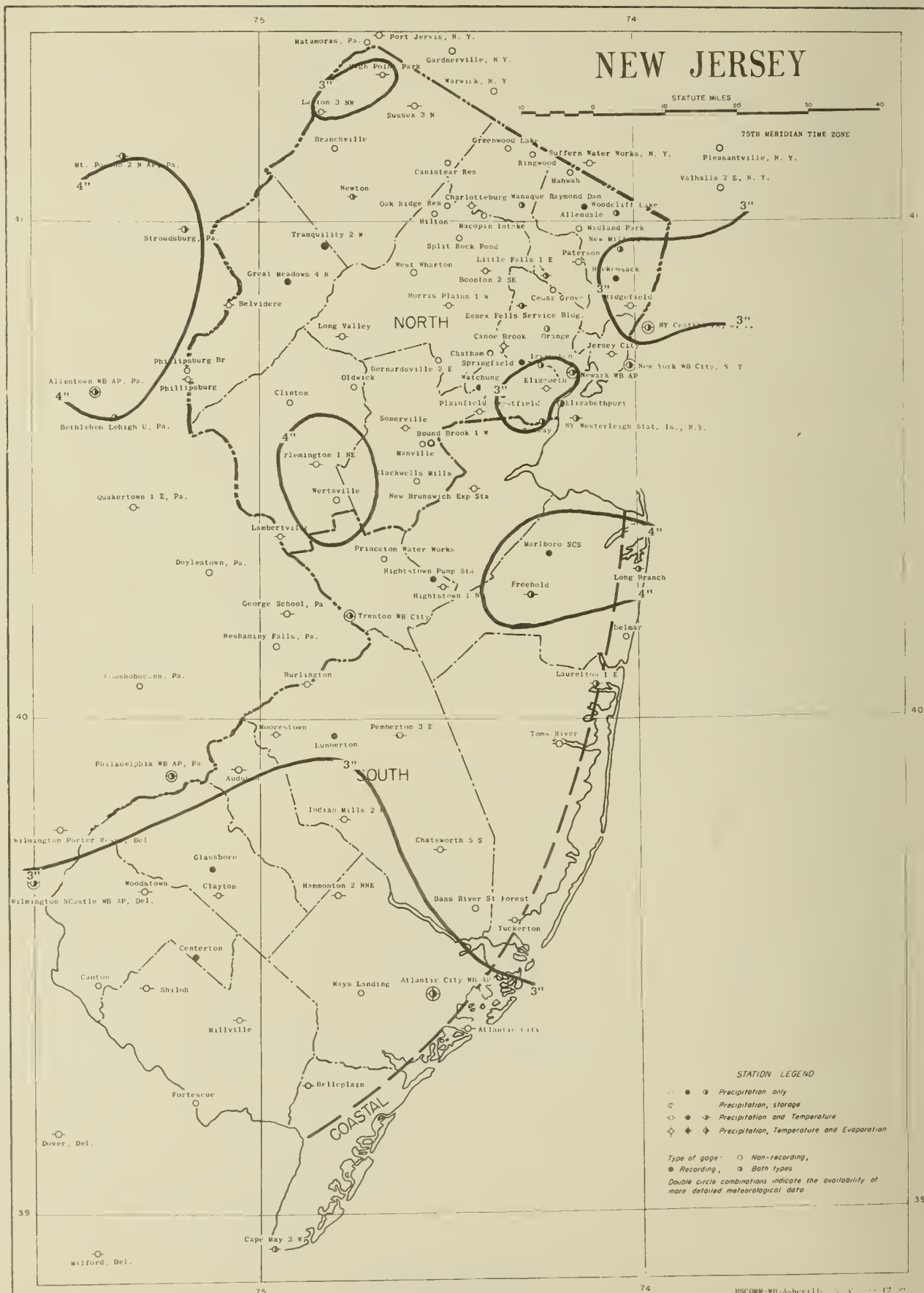
NEW JERSEY
JANUARY 1960

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|---|---|---|---|---|----|---|---|----|---------|----------|----------|---------|----|----|----------|----------|---------|----|----|----|----|----|----|----|----|----|----|----|----|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | T | .4 | | | | | .2 | | | | | | T | T | | | T | | | | | | | | | | |
| ATLANTIC CITY | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BASS RIVER ST FOREST | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BELVIDERE | SNOWFALL SN ON GND | T | T | | | | | | | T | T | | 1.8 2 | T | 1 | 1 | 1 | 1 | .2 T | .1 T | T | T | T | T | T | T | T | T | T | T | T | T | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | | | | | | | | | | T | T | 2.5 2 | 2 | 2 | 2 | 2 | 2 | 1.0 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | T | T |
| CLAYTON | SNOWFALL SN ON GND | | | | | | T | T | | | | | T | T | | | | | | T | | | T | T | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | | | | | | | T | T | T | T | | 2.5 3 | 2 | 1 | 1 | T | 1.5 1 | .5 T | T | T | T | T | | | | | | | | | | |
| FREEHOLD | SNOWFALL SN ON GND | | | | | | | | | | | | 2.0 1 | T | | | | | T | | | | T | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | | | | | | | T | | | | | 2.0 1 | T | T | | | .5 T | T | T | | | .2 | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GND | | | | | | T | T | | | | T | T | | | | | | T | T | | | T | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL SN ON GND | | | | | | | | | | | | 1.5 1 | T | | | | | 1.0 1 | | | | T | | | | | | | | | | |
| LAYTON 3 NW | SNOWFALL SN ON GND | | | | | | | | | | | .2 - | 3.5 3 | 3 | 3 | 3 | 3 | 3 | .4 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | | | | | | | | | | | | 2.8 3 | 3 | 3 | 3 | 2 | 2 | .3 2 | .2 2 | 1 | 1 | 1 | 1 | 1 | T | T | T | | | | | |
| LONG BRANCH | SNOWFALL SN ON GND | | | | | | | T | T | | T | 1.7 | .3 | | | | | | T | T | | T | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | | | | | 3.0 - | - | - | | | | | | | | | | | | | | | | | | |
| MAYS LANDING | SNOWFALL SN ON GND | | | | | | | T | | | | | | | | | | | T | | | | | | | | | | | | | | |
| MILLVILLE | SNOWFALL SN ON GND | | | | | | | T | | | | | T | | | | | | | T | | | T | | | | | | | | | | |
| MOORESTOWN | SNOWFALL SN ON GND | | | | | | | | T | | | | .5 T | T | | | | | .5 | | | | | | | | | | | | | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | T | | | | | | | T | T | T | .1 | T | 2.5 - | T | T | | | .2 | T | T | T | T | T | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | | | T | | T | .1 T | 2.8 2 | .5 .4 | 2 .4 | 1 | T | | T | .2 | | | T | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | | | | | | | | | T | | 1.8 1 | 1 | | | | | T | T | | | T | | | | | | | | | | |
| NEWTON | SNOWFALL SN ON GND | T | T | | | | | | | | T | T | 2.5 3 | 2 | 2 | 2 | 1 | 1 | 1.0 2 | T | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | T | T | T | T |
| PATERSON | SNOWFALL SN ON GND | | | | | | | | | T | | T | 3.5 3 | 1 | T | | | | T | T | | T | T | T | T | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL SN ON GND | | | | | | | | | | | | 1.0 T | | | | | | .3 | | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL SN ON GND | | | | | | | | | | | | 2.0 2 | T | T | T | T | 1.0 1 | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | | | | | | | | | | | | 2.0 - | T | | | | | T | T | T | | | | | | | | | | | | |
| RAHWAY | SNOWFALL SN ON GND | | | | | | | | | | T | T | 3.7 4 | .2 2 | T | | | | T | T | | | T | | | | | | | | | | |
| RIDGEFIELD | SNOWFALL SN ON GND | | | | | | | | | | T | .2 T | 2.0 2 | 1.0 3 | 1 | 1 | T | T | 2.0 2 | .3 3 | T | T | T | T | T | T | | | | | | | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | | | | | | | | | 3.0 2 | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | | | | | | | | | | | T | .5 T | .3 1 | T | | | | .3 | | | | T | T | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | | | | | | | | | | | .3 T | 3.0 T | 3 | 3 | 3 | 3 | 3 | .5 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | T | T | |

See reference notes following Station Index.

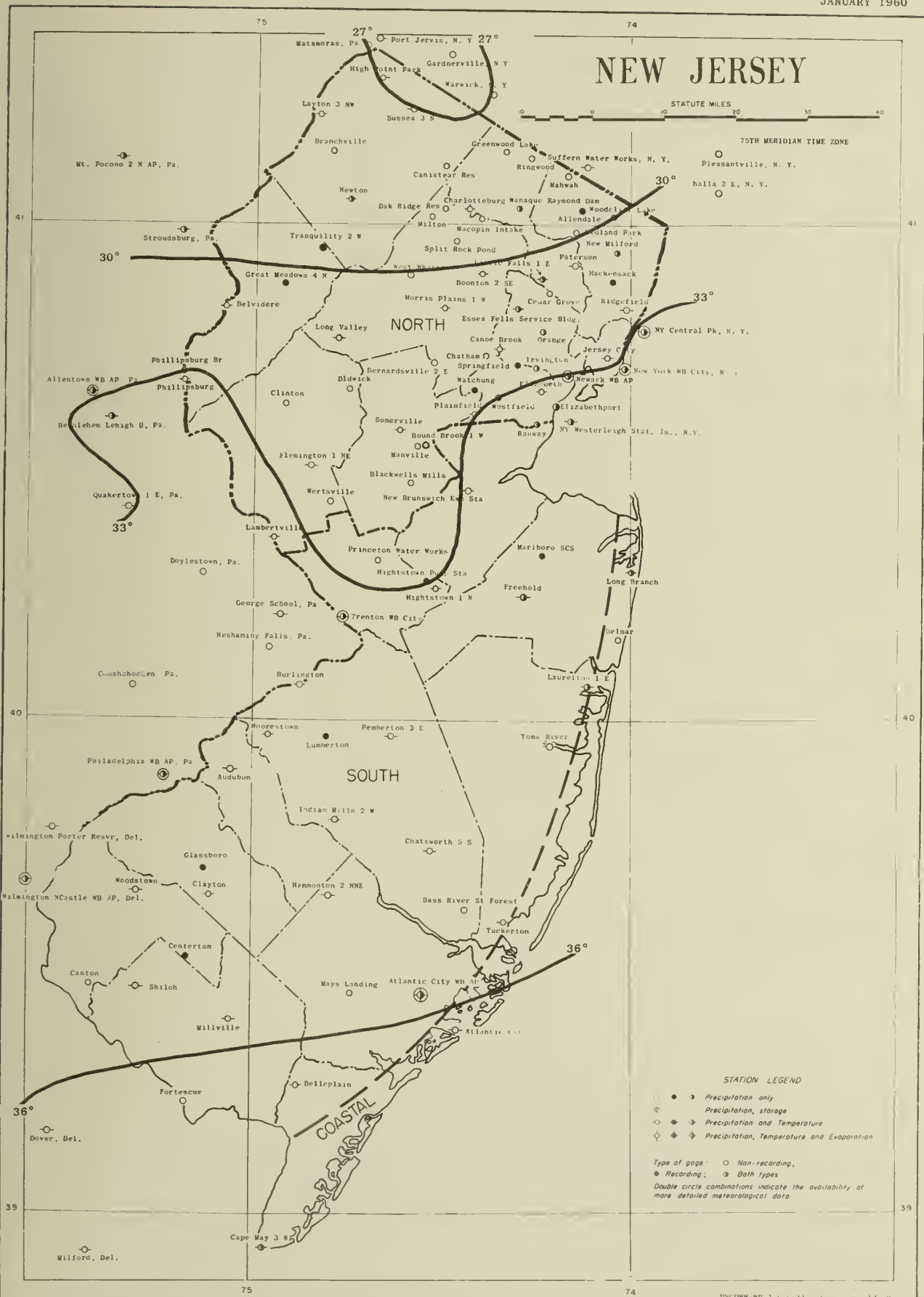
TOTAL PRECIPITATION

NEW JERSEY
JANUARY 1960



AVERAGE TEMPERATURE

NEW JERSEY
JANUARY 1960



STATION INDEX

NEW JERSEY
JANUARY 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------|------------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | | | 7P | C H J U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | NID | | | | H STATE MARINA |
| AUDUBON | 0346 | CANDEN | 2 | 39 54 | 75 04 | 50 | 11P | | | | H IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | 6P | | | | H N.J. FORESTRY SERVICE |
| BELLEPLAIN | 0690 | CAPE HAY | 1 | 39 16 | 74 52 | 49 | 5P | | | | MRS. E. C. HOFFMAN |
| BELMAR | 0721 | NONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | H BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | | | | H CLEMENT HAUDT |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | BERNARDS WATER COMPANY |
| 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | HENRY N. MILLER |
| BOONTON 2 RE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | AMERICAN CYANAMIDE CO. |
| BRANCHVILLE | 0976 | SUSSEX | 2 | 41 09 | 74 45 | 570 | 7A | | | | ALBERT M. OAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 10 | 1040 | 8A | | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | C GERTUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | | | | C N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | J. A. PLUNKETT |
| 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | C JOHN HOPKINS UN. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 740 | 7A | | | | H NEWARK WATER DEPT. |
| 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | H EDWARD P. MOLITOR |
| CHATSORTH 5 S | 1598 | BURLINGTON | 1 | 39 44 | 74 32 | 90 | 5P | | | | H INACTIVE S/S |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | | | | H HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 35 | 5P | | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | SEWAGE TREATMENT PLANT |
| ESSER FIELDS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | | | | C BOROUGH ESSER FIELDS |
| FLORININGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | | | | H DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | JOHN LOPER |
| FREEMOLD | 3181 | NONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | | | | C H FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | | C PROF. J. B. SANGREE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | C GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 680 | 7A | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | C BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | | | | N. J. DEPT. OF CON. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 16 | 74 31 | 100 | 8P | | | | H JAMES R. PICKERING |
| HIGHTSTOWN PUMPING STA | 3956 | MERCER | 10 | 40 17 | 74 32 | 75 | | | | | C DEPT. WATER & SEWAGE |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | | | | H EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | NID | | | | C JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | | | | C JERSEY CITY WATER DEPT. |
| LANBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | | | | H E. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | | | | C H GEORGE G. MADDILL |
| LAYTON 3 NW | 4755 | SUSSEX | 2 | 41 15 | 74 51 | 400 | 6P | | | | H A. M. DEPU |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 55 | 74 14 | 157 | 9A | | | | C H PASSAIC VLY. WTR. CO. H. |
| LONG BRANCH | 4987 | NONMOUTH | 1 | 40 18 | 75 59 | 34 | MID | | | | C H WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | | | | N ARTHUR BARKMAN |
| LORBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | C JAMES LAYTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | NEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | ROBERT G. GLASSGOW |
| NANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | | JOHN L. RAOCLIFFE |
| HARLBORO SCS | 5244 | NONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | C GEROW DRILL |
| HAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | H ELMER EARLE |
| HIDLAND PARK | 5503 | BERGEN | 1 | 40 59 | 74 09 | 210 | MID | | | | RIEGWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 05 | 40 | 8A | | | | MILLVILLE |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 52 | 950 | 7A | | | | JERSEY CITY WATER WORKS |
| MORRISTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | | | | H M. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 50 | 500 | 8A | | | | H JAMES C. LONO |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | | | | C H U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 28 | 80 | 5P | | | | OH ARTHUR H. AHLQUIST |
| NEW MILFORD | 6148 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | | C HACKENSACK WATER CO. |
| NEWTON | 6177 | SUSSEX | 2 | 41 05 | 74 45 | 568 | 8A | | | | C H NEWTON WTR. & SEWAGE |
| DAK RIDGE RESERVOIR | 6440 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | NEWARK WATER DEPT. |
| OWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | | C COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | | | | H P. J. DEL VECCHIO |
| PEMBERTON 5 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 40 | 5P | | | | H PHILIP E. NARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 5P | | | | M SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 6P | | | | H MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7322 | MERCER | 10 | 40 19 | 74 40 | 90 | MID | | | | C PRINCETON WATER CO. |
| RAMWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | | C H RAMWAY VLY. SWG. AUTH. |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | | | | H GEORGE P. KIRSTEN |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 14 | 305 | 10A | | | | M JERSEY WTR. SUPPLY |
| SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | | | | C EVERETT DICKINSON |
| SOMERSET | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | | | | H W. E. MAVER |
| SPLIT ROCK ROAD | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | C JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | N. J. DEPT. OF CON. |
| SUSSEX 3 N | 8644 | SUSSEX | 5 | 41 14 | 74 35 | 530 | 7A | | | | C BRICE D. STANTON |
| TONS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | | | | C TONS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | C H J. J. ERVEY |
| TRENTON WB CITY | 8863 | MERCER | 2 | 40 13 | 74 46 | 54 | MID | | | | C U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 38 | 74 20 | 10 | 6P | | | | C REV. EDWARD O. HEGILL |
| WANAQUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | | C H WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | C BONNIE BURN SANITARIUM |
| WESTVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | C ROBERT M. MANNERS |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | 5P | | | | C CITY ENGINEER |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | C N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | C HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEN | 2 | 39 39 | 75 19 | 50 | 5P | | | | C CREAM VALLEY LAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-HAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

FEBRUARY 1960
Volume 65 No. 2



100-100000-07-102
APR 25 1960
RECEIVED

NEW JERSEY - FEBRUARY, 1960

TEMPERATURES AND PRECIPITATION EXTREMES

Highest Temperature: 68° on the 12th at Hammonton 2 NNE and on the
11th at Pemberton 3 E

Lowest Temperature: 3° on the 3rd at High Point Park

Greatest Total Precipitation: 6.44 inches at Paterson

Least Total Precipitation: 1.95 inches at High Point Park

Greatest One-Day Precipitation: 1.99 inches on the 26th at Toms River

Greatest Reported Total Snowfall: 10.5 inches at Flemington 1 NE

Greatest Reported Depth of Snow on Ground: 6 inches on the 23+ at
Sussex 3 N

CLIMATOLOGICAL DATA

NEW JERSEY
FEBRUARY 1960

| Station | | Temperature | | | | | | | | | | | | Precipitation | | | | | | | | | | |
|-----------------------|----|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|-------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 32° or Above | 32° or Below | 32° or Below | 32° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 43.2 | 25.9 | 34.6 | 3.4 | 63 | 11 | 15 | 3 | 877 | 0 | 1 | 25 | 0 | 3.13 | .10 | 1.09 | 19 | 4.4 | 1 | 19+ | 5 | 2 | 1 |
| BOONTON 2 SE | AM | 41.2 | 25.8 | 33.5 | 4.2 | 61 | 12 | 15 | 3 | 910 | 0 | 3 | 25 | 0 | 5.05 | 2.48 | 1.41 | 19 | | | | 7 | 4 | 2 |
| CANOE BROOK | AM | 42.2 | 25.1 | 33.7 | 4.4 | 64 | 12 | 15 | 3 | 900 | 0 | 2 | 26 | 0 | 4.78 | 1.96 | 1.36 | 19 | 6.2 | 1 | 29+ | 5 | 4 | 3 |
| CHARLOTTEBURG | AM | 40.3 | 22.2 | 31.3 | 2.1 | 62 | 12 | 11 | 3 | 974 | 0 | 4 | 27 | 0 | 4.95 | 1.93 | 1.43 | 19 | 4.8 | 3 | 19 | 6 | 4 | 2 |
| ELIZABETH | | 45.6 | 26.9 | 36.3 | 3.1 | 65 | 11 | 15 | 3 | 826 | 0 | 1 | 25 | 0 | 4.95 | 1.89 | 1.20 | 19 | 1.3 | 1 | 25+ | 6 | 5 | 2 |
| ESSEX FELS SERV BLDG | AM | 41.2 | 27.0 | 34.1 | | 58 | 12 | 15 | 3 | 891 | 0 | 2 | 23 | 0 | 5.37 | | 1.65 | 19 | | | | 5 | 5 | 3 |
| FLEMINGTON 1 NE | | 44.2 | 25.6 | 34.9 | 2.6 | 66 | 11 | 15 | 3 | 866 | 0 | 1 | 25 | 0 | 4.02 | 1.39 | 1.12 | 19 | 10.5 | 3 | 15+ | 6 | 4 | 1 |
| HIGH POINT PARK | AM | 36.0 | 17.0 | 26.5 | | 54 | 11 | 3 | 3 | 1108 | 0 | 9 | 28 | 0 | 1.95 | | 1.44 | 26 | | | | 6 | 0 | 0 |
| JERSEY CITY | | 40.7 | 27.9 | 34.3 | 1.6 | 63 | 11 | 17 | 3 | 882 | 0 | 2 | 24 | 0 | 4.72 | 1.96 | 1.42 | 18 | T | 0 | | 8 | 4 | 2 |
| LAMBERTVILLE | | 44.4 | 28.0 | 36.2 | 3.9 | 65 | 11 | 18 | 16+ | 831 | 0 | 1 | 23 | 0 | 4.02 | 1.43 | 1.05 | 19 | 6.5 | 2 | 15+ | 7 | 4 | 1 |
| LAYTON 3 NW | | 40.7 | 21.9 | 31.3 | 3.6 | 60 | 11 | 10 | 3 | 970 | 0 | 2 | 26 | 0 | 3.91 | 1.63 | 1.44 | 11 | 7.3 | 5 | 25 | 5 | 3 | 2 |
| LITTLE FALLS 1 E | AM | 44.3 | 26.9 | 35.6 | 4.1 | 67 | 12 | 16 | 3 | 846 | 0 | 2 | 25 | 0 | 5.36 | 2.43 | 1.62 | 6 | 3.4 | 1 | 29+ | 5 | 4 | 3 |
| LONG VALLEY | | 42.1 | 24.3 | 33.2 | | 62 | 11 | 13 | 3 | 914 | 0 | 1 | 25 | 0 | 4.80 | 1.94 | 1.35 | 19 | 7.0 | 1 | 29+ | 7 | 3 | 3 |
| MORRIS PLAINS | AM | 41.4 | 24.9 | 33.2 | | 64 | 12 | 13 | 3 | 917 | 0 | 2 | 26 | 0 | 4.52 | | 1.38 | 6 | 5.6 | 3 | 19 | 5 | 4 | 2 |
| NEWARK WB AIRPORT | R | 43.6 | 29.0 | 36.3 | 4.6 | 66 | 11 | 18 | 3 | 827 | 0 | 2 | 24 | 0 | 4.11 | .90 | .93 | 11 | 5.2 | 1 | 29+ | 9 | 4 | 0 |
| NEWTON | AM | 39.2 | 22.9 | 31.1 | 3.0 | 59 | 12 | 13 | 3 | 981 | 0 | 4 | 28 | 0 | 2.52 | .01 | .79 | 11 | 7.2 | 5 | 19 | 5 | 2 | 0 |
| PATERSON | AM | 43.8 | 26.9 | 35.4 | 3.4 | 62 | 12 | 16 | 3 | 852 | 0 | 2 | 25 | 0 | 6.44 | 3.54 | 1.86 | 19 | 2.5 | 1 | 29+ | 6 | 5 | 3 |
| PHILLIPSBURG | | 45.0 | 26.5 | 35.8 | 4.9 | 64 | 11 | 16 | 3 | 842 | 0 | 2 | 25 | 0 | 3.04 | .04 | 1.78 | 26 | T | 0 | | 3 | 2 | 1 |
| PLAINFIELD | | 44.2 | 28.1 | 36.2 | 3.8 | 67 | 11 | 16 | 3 | 830 | 0 | 2 | 22 | 0 | 4.75 | 1.91 | 1.39 | 19 | 3.0 | | | 6 | 1 | |
| RIDGEFIELD | | 42.7 | 28.0 | 35.4 | 4.1 | 66 | 11 | 17 | 3 | 852 | 0 | 2 | 24 | 0 | 6.30 | 3.41 | 1.68 | 25 | 4.0 | 1 | 18+ | 8 | 5 | 3 |
| SOMERVILLE | | 43.2 | 27.4 | 35.3 | 3.4 | 65 | 11 | 16 | 3 | 857 | 0 | 1 | 23 | 0 | 3.97 | 1.33 | | | 5.0 | | | 7 | | |
| SUSSEX 3 N | // | 39.4 | 21.6 | 30.5 | 1.4 | 59 | 12 | 12 | 3 | 996 | 0 | 5 | 27 | 0 | 2.27 | .47 | .52 | 11 | 6 | 23+ | 6 | 1 | 0 | |
| DIVISION | | | | 33.9 | 3.1 | | | | | | | | | | 4.24 | 1.44 | | | 4.7 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 44.6 | 28.8 | 36.7 | 2.1 | 63 | 11 | 18 | 3 | 816 | 0 | 1 | 24 | 0 | 5.71 | 2.62 | 1.88 | 18 | 3.6 | 1 | 14 | 7 | 4 | 2 |
| AUDUBON | | 44.8 | 28.4 | 36.6 | | 65 | 11 | 18 | 14 | 817 | 0 | 0 | 24 | 0 | 3.68 | | 1.05 | 18 | 4.5 | 2 | 14 | 8 | 3 | 1 |
| BELLEPLAIN | | 47.0 | 28.4 | 37.7 | | 65 | 11+ | 16 | 16+ | 785 | 0 | 0 | 22 | 0 | 5.12 | 2.12 | 1.80 | 19 | 4.0 | | | 9 | 4 | 1 |
| BURLINGTON | | 47.2M | 28.5M | 37.9M | 3.1 | 64 | 11 | 18 | 3 | 782 | 0 | 0 | 24 | 0 | 4.56 | 1.82 | 1.06 | 19 | | | | 6 | 5 | 2 |
| CLAYTON | | 43.9 | 28.4 | 36.2 | | 64 | 11 | 18 | 3 | 830 | 0 | 2 | 21 | 0 | | .97 | .25 | | T | T | 16+ | 7 | 0 | 0 |
| FREEHOLD | | 44.0 | 28.3 | 36.2 | 3.4 | 67 | 11 | 15 | 3 | 830 | 0 | 0 | 22 | 0 | 5.11 | 2.16 | 1.56 | 26 | 4.1 | T | 29 | 7 | 4 | 2 |
| HAMMONTON 2 NNE | AM | 46.2 | 27.8 | 37.0 | 2.6 | 68 | 12 | 19 | 16 | 807 | 0 | 0 | 25 | 0 | 3.93 | .87 | 1.27 | 26 | | | | 4 | 4 | 2 |
| HIGHTSTOWN 1 N | | 43.9 | 28.3 | 36.1 | 3.4 | 67 | 11 | 17 | 3 | 829 | 0 | 1 | 24 | 0 | 4.18 | 1.59 | 1.40 | 19 | 5.0 | 1 | 15+ | 7 | 4 | 1 |
| INDIAN MILLS 2 W | | 45.1 | 27.4 | 36.3 | 2.5 | 67 | 11 | 16 | 16+ | 827 | 0 | 0 | 23 | 0 | 4.34 | 1.42 | 1.01 | 26 | 3.2 | 2 | 13 | 7 | 4 | 1 |
| LAURELTON 1 E | | 44.6 | 27.3 | 36.0 | 2.6 | 63 | 11 | 16 | 3 | 836 | 0 | 0 | 24 | 0 | 5.69 | 2.59 | 1.50 | 18 | 3.1 | 2 | 13 | 9 | 4 | 3 |
| MILLVILLE | | 46.3 | 28.7M | 37.5M | | 67 | 12 | 19 | 3 | 791 | 0 | 1 | 23 | 0 | 4.15 | | 1.19 | 18 | | | | 7 | 3 | 1 |
| MOORESTOWN | | 44.3 | 28.3 | 36.3 | 3.1 | 66 | 11 | 18 | 3 | 823 | 0 | 1 | 24 | 0 | 4.08 | 1.51 | 1.21 | 19 | 5.1 | 2 | 15+ | 5 | 4 | 2 |
| NEW BRUNSWICK EXP STA | | 44.4 | 27.0 | 35.7 | 3.1 | 64 | 11 | 15 | 3 | 842 | 0 | 1 | 25 | 0 | 4.65 | 2.05 | 1.43 | 19 | 3.9 | 1 | 25+ | 6 | 4 | 2 |
| PEMBERTON 3 E | | 45.9 | 28.3 | 37.1 | 2.9 | 68 | 11 | 16 | 3 | 800 | 0 | 0 | 23 | 0 | 4.66 | 2.04 | 1.42 | 19 | 1.2 | T | 25+ | 6 | 4 | 2 |
| SHILOH | | 45.6 | 29.6 | 37.6 | 2.8 | 65 | 11 | 18 | 3 | 786 | 0 | 1 | 22 | 0 | 3.75 | .88 | 1.10 | 19 | | | | 6 | 4 | 1 |
| TOMS RIVER | | 47.2 | 27.4 | 37.3 | | 67 | 11 | 14 | 16 | 797 | 0 | 0 | 22 | 0 | 5.74 | | 1.99 | 26 | 3.2 | | | 6 | 5 | 2 |
| TRENTON WB CITY | R | 43.5 | 28.9 | 36.2 | 3.5 | 67 | 11 | 18 | 3 | 828 | 0 | 2 | 24 | 0 | 4.05 | 1.30 | 1.01 | 18 | 4.3 | 1 | 29+ | 9 | 3 | 1 |
| TUCKERTON | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | | 45.4 | 29.1 | 37.3 | | 66 | 11 | 17 | 3 | 799 | 0 | 0 | 22 | 0 | 3.56 | | .89 | 19 | | 2 | 14 | 6 | 4 | 0 |
| DIVISION | | | | 36.8 | 3.1 | | | | | | | | | | 4.53 | 1.74 | | | 3.5 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 43.8 | 30.6 | 37.2 | 1.8 | 54 | 11 | 19 | 3 | 800 | 0 | 0 | 22 | 0 | 4.01 | .66 | 1.26 | 18 | | | | 7 | 2 | 1 |
| CAPE MAY 3 W | | 45.2 | 32.4 | 38.8 | | 60 | 11 | 22 | 16 | 750 | 0 | 0 | 15 | 0 | 3.89 | | 1.15 | 19 | | | | 7 | 3 | 1 |
| LONG BRANCH | R | 42.8 | 29.3 | 36.1 | 3.2 | 63 | 11 | 19 | 3 | 833 | 0 | 1 | 23 | 0 | 5.67 | 2.30 | 1.47 | 18 | 3.9 | 1 | 29 | 9 | 4 | 3 |
| DIVISION | | | | 37.4 | 3.3 | | | | | | | | | | 4.52 | 1.56 | | | 3.9 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | | |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | Percent of possible sunshine | Average sky cover sunrise to sunset |
| ATLANTIC CITY WB AIRPORT | W | 22 | 16.4 | 43 | W | 19 | 74 | 77 | 52 | 66 | 5 | 2 | 3 | 2 | 2 | 0 | 14 | - | 6.5 |
| ATLANTIC CITY | - | - | 14.9 | 43 | W | 19 | - | - | - | - | 0 | 3 | 5 | 1 | 1 | 0 | 10 | 51 | - |
| LONG BRANCH | NW | 16 | 16.5 | 72 | NE | 18 | - | 78 | 62 | 60 | 5 | 2 | 5 | 1 | 3 | 0 | 16 | 58 | 7.0 |
| NEWARK WB AIRPORT | WNW | 25 | 12.3 | 35++ | ENE | 18 | 66 | 71 | 53 | 55 | 7 | 2 | 5 | 4 | 0 | 0 | 18 | - | 6.5 |
| TRENTON WB CITY | - | - | 12.0 | 49 | W | 19 | - | - | - | - | 1 | 6 | 6 | 2 | 1 | 0 | 16 | 57 | 6.4 |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
FEBRUARY 1960

| Station | | Total | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|-------|--------------|---|---|------|------|---|-----|-----|-----|------|------|------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|----|----|--|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | R | 5.71 | | | | .34 | .65 | | | | T | .86 | .28 | .28 | | | | 1.88 | | | .02 | T | | | | | 1.32 | .08 | | T | | | | |
| ATLANTIC CITY | | 4.01 | | | | .27 | .36 | | | .01 | | .97 | .35 | .23 | | | | 1.26 | | | .02 | | | | | | | .45 | .09 | | | | | |
| AUDUBON | | 3.68 | | | | .15 | .36 | | | | | T | .80 | .20 | | .15 | .20 | | 1.05 | | | T | | | | | .38 | | | T | | | | |
| BASS RIVER ST FOREST | | 5.24 | | | | | .60 | | | .22 | | .97 | .56 | | | | | | 1.49 | | | .03 | | | | | 1.34 | | | | .03 | | | |
| BELLERLAIN | | 5.12 | | | | .91 | | | | | .07 | .92 | .34 | | | | | | 1.80 | | | .07 | | | | | .10 | .91 | | | | | | |
| BELMAR | | 4.72 | | | | .50 | .03 | | | | | .58 | * | | | | | | 1.87 | | | T | | | | | 1.62 | | .12 | | | | | |
| BELVIOERE | | 3.13 | | | | .47 | T | | | T | | .79 | .43 | | | | | | 1.09 | T | | T | | | | | .02 | .28 | T | | .05 | | | |
| BERNARDSVILLE 2 E | | 5.12 | | | | 1.23 | | | | T | | .84 | .03 | | .34 | .04 | | | 1.16 | | | | | | | | .98 | | .50 | | | | | |
| BLACKWELLS MILLS | | 4.68 | | | | .67 | | | | | | .85 | .23 | | .36 | T | | | 1.38 | | | | .05 | | | | .88 | | .06 | | | | | |
| BOONTON 2 SE | | 5.05 | | | | 1.12 | | | T | .10 | | .85 | T | | .24 | .40 | | | 1.41 | T | T | | T | | | | .89 | | .04 | | | | | |
| BOUNO BROOK 1 W | | 4.21 | | | | .68 | | | | T | T | .85 | .01 | | .21 | | | | 1.26 | | | | | | | | .95 | | .25 | | | | | |
| BRANCHVILLE | | 2.91 | | | | .26 | | | | .07 | | .74 | .09 | | .43 | .10 | | | .86 | | | | | | | | .32 | | .02 | | | | | |
| BURLINGTON | | 4.56 | | | | .45 | | | | | | .80 | | | .80 | | | | 1.06 | | | .02 | | | .01 | | .18 | 1.05 | | .04 | | | | |
| CANISTEAR RESERVOIR | | 4.47 | | | | 1.00 | .02 | | | .07 | T | 1.02 | .36 | | .32 | .05 | | | .93 | .02 | | .02 | | | | T | | .68 | | T | | | | |
| CANOE BROOK | | 4.78 | | | | 1.28 | | | | T | | .76 | .06 | | .03 | .23 | | | 1.36 | | | | | | | | 1.02 | | .04 | | | | | |
| CANTON | | - | | | | - | | | | | | .80 | T | | .20 | .01 | | | .90 | | | | .01 | | | | .90 | | | | | | | |
| CAPE MAY 3 W | | 3.89 | | | | .88 | | | | | | .86 | T | | .25 | | | .06 | 1.15 | | | .10 | | | | .16 | .43 | | | | | | | |
| CEGAR GROVE | | 5.39 | | | | 1.55 | | | | | | .95 | | | .15 | .35 | | | 1.30 | | | | | | | | 1.05 | | .04 | | | | | |
| CHARLOTTFBURG | | 4.95 | | | | 1.04 | | | | .02 | | .95 | .21 | | .26 | .06 | | | 1.43 | | | | | | | | .94 | | .02 | | | | | |
| CHATHAM | | 4.55 | | | | 1.28 | T | | | | T | .80 | .08 | | .20 | T | | | 1.26 | | | | | | | | .91 | | | | | | | |
| CLAYTON | | - | | | | - | | | | .05 | | - | | .07 | .15 | T | | | .15 | .91 | | | .07 | | | | .97 | .10 | | .02 | | | | |
| CLINTON | | 3.67 | | | | .77 | | | | .02 | | .78 | | .45 | | | | | .93 | T | | | | | | | .07 | .58 | | .07 | | | | |
| ELIZABETH | | 4.95 | | | | .82 | | | | .01 | .01 | .95 | .55 | | | | | 1.20 | | | | | | | | .15 | 1.19 | | .07 | | | | | |
| ELIZABETHPORT | | 4.73 | | | | .57 | .16 | | | | | .05 | .88 | | .07 | .25 | | | 1.29 | .15 | T | | | | | .79 | .49 | .03 | | | | | | |
| ESSEX FIELDS SERV BLOG | | 5.37 | | | | 1.20 | | | | | | .80 | | | .62 | | | | 1.65 | | | | | | | | 1.10 | | | | | | | |
| FLEMINGTON 1 NE | | 4.02 | T | T | | .83 | T | T | T | T | T | .78 | .02 | | .28 | | | | 1.12 | T | | .02 | | | | .21 | .71 | T | .05 | | | | | |
| FORTESCUE | | 3.64 | | | | .76 | | | | | | .57 | | | .27 | | | | 1.23 | | | .05 | | | | | .76 | | | | | | | |
| FREEHOLD | | 5.11 | | | | .69 | | | | | .02 | .79 | | | .37 | | | | 1.40 | | | T | | | | .14 | 1.56 | | .14 | | | | | |
| GREENWOOD LAKE | | 4.75 | | | T | .78 | .04 | | | .07 | | 1.00 | .48 | | .22 | .04 | .09 | | 1.20 | .05 | | | | | T | | .80 | | .02 | | | | | |
| HAMMONTON 2 NNE | | 3.93 | | | | .73 | .03 | | | | | .71 | | | .01 | .04 | | | 1.11 | | | .03 | T | | | 1.27 | | | | | | | | |
| HIGH POINT PARK | | 1.95 | T | | | .38 | .02 | | | .13 | | .20 | .04 | | .27 | .07 | | T | .40 | | | | | | | | .44 | | T | | | | | |
| HIGHTSTOWN 1 W | | 4.18 | | | | .50 | | | | T | | .77 | | | .30 | | | | 1.40 | | | T | | | | .11 | .99 | | .11 | | | | | |
| INOLAN MILLS 2 N | | 4.34 | | | | .74 | | | | | T | .80 | | | .37 | | | | .20 | .98 | | .03 | | | | .19 | 1.01 | | .02 | | | | | |
| IRVINGTON | | 4.67 | | | | .27 | .56 | | | .02 | .05 | .71 | | .04 | .23 | | | | 1.15 | .19 | | | | | | 1.08 | .34 | | .03 | | | | | |
| JERSEY CITY | | 4.72 | | | | .20 | .38 | | | T | .02 | T | 1.04 | | T | .50 | | | 1.42 | .14 | | T | | | | .68 | .36 | | T | | | | | |
| LAMBERTVILLE | | 4.02 | T | T | | .90 | | | | .01 | | .79 | | .34 | | | | | .02 | .05 | | .01 | | | | .14 | .63 | | .13 | | | | | |
| LAURELTON 1 E | | 5.69 | T | T | | .25 | .40 | | | | | 1.05 | | .18 | .32 | | | | 1.50 | .02 | T | | | | | 1.05 | .80 | | .12 | | | | | |
| LAYTON 3 NW | | 3.91 | | | | .51 | | | | .06 | .01 | 1.44 | | .39 | | | | | 1.00 | | | | | | | .05 | .45 | | T | | | | | |
| LITTLE FALLS 1 E | | 0.36 | | | | 1.62 | | | | .01 | | .94 | T | | .28 | | | | 1.36 | | | | | | | | 1.09 | 0.02 | | .02 | | | | |
| LONG BRANCH | R | 5.67 | | T | | .17 | .39 | T | | | T | .04 | .69 | | .18 | .41 | | | 1.47 | .06 | T | T | | | | 1.04 | 1.03 | | .19 | | | | | |
| LONG VALLEY | | 04.80 | | | | 1.28 | | | | | | 1.15 | | .020 | | | | | 1.35 | | | | | | | * | .62 | | .020 | | | | | |
| MACORIN INTAKE | | 4.88 | | | | 1.44 | | | .02 | T | | .94 | .02 | | .30 | .05 | | | 1.30 | T | | | | | | .78 | | .01 | | | | | | |
| MAHWAH | | 4.00 | | | | .97 | .07 | | .02 | | | .86 | .11 | | .23 | .01 | | | .88 | | | | | | | .85 | | | | | | | | |
| MANVILLE | | 03.80 | | | | .10 | .50 | | | | | .80 | | .020 | | | | | 1.10 | .12 | | T | | | | .56 | .32 | | .010 | | | | | |
| MAYS LANDING | | 4.98 | | | | .60 | .05 | | | | | .90 | | .10 | .39 | | | | 1.10 | .59 | | | | | | .30 | .95 | | | | | | | |
| MIDLAND PARK | | 5.08 | | | | .11 | 1.20 | | .01 | .01 | | 1.01 | | .02 | .22 | | | | 1.08 | .23 | | | | | | .55 | .64 | | | | | | | |
| MILLVILLE | | 4.15 | | | | .37 | .46 | | | | .03 | .62 | | .24 | .10 | | | | 1.19 | | | .04 | .04 | | | .98 | .08 | | T | | | | | |
| MILTON | | - | | | | .96 | .05 | | .04 | | | 1.26 | .10 | | - | | | | 1.21 | .65 | .10 | .04 | | | | .73 | | .02 | | .03 | | | | |
| MOORESTOWN | | 4.08 | T | | T | .58 | T | | | | | .83 | | .25 | .03 | | | | 1.07 | .21 | | .05 | | | | 1.07 | | .06 | | | | | | |
| MORRIS PLAINS | | 4.52 | | T | T | 1.38 | T | T | .01 | T | | .84 | .01 | | .22 | .04 | | T | 1.03 | .02 | | T | T | | | .90 | | | .07 | | | | | |
| NEWARK WB AIRPORT | R | 4.11 | T | | | .26 | .64 | T | T | T | .03 | .93 | | .08 | .21 | | | | .68 | .15 | | T | | | | .69 | .33 | | T | .11 | | | | |
| NEW BRUNSWICK EXP STA | | 4.65 | | T | | .75 | | T | .01 | | T | .83 | | T | .30 | | | | 1.43 | | | .05 | | | | .10 | 1.13 | | .05 | | | | | |
| NEW MILFORD | | 4.72 | | | | .06 | .84 | | | | | .04 | .98 | | .16 | | | | 1.10 | .44 | | | | | | .72 | .38 | | | | | | | |
| NEWTON | | 2.52 | | | | .29 | | | .04 | T | | .79 | .02 | | .34 | .04 | | | .78 | T | | | | | | .21 | | .01 | | | | | | |
| OAK RIDGE RESERVOIR | | 4.42 | | | | .81 | .03 | | .06 | | | .92 | .34 | | .24 | .14 | | | 1.04 | .07 | | | | .02 | | .72 | | .03 | | | | | | |
| OLOWICK | | 2.95 | | T | | .87 | | | | T | | .81 | | .25 | T | | | | .14 | T | | | | | | .77 | | .11 | | | | | | |
| ORANGE | | 5.38 | | | | 1.31 | | | | | | .84 | | .33 | | | | * | 1.49 | | | | | | | * | 1.39 | | .02 | | | | | |
| RATSFORN | | 6.44 | | | T | 1.20 | | | | .03 | T | .98 | .19 | | .52 | T | | | 1.88 | | | | | | | 1.60 | | .05 | | | | | | |
| PEMBERTON 3 E | | 4.66 | | | | .67 | | | | | | .77 | | .36 | | | | | 1.42 | | | | | | | .15 | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
FEBRUARY 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX MIN | 41 28 | 38 21 | 39 18 | 49 24 | 48 22 | 56 44 | 44 32 | 40 26 | 56 39 | 58 44 | 63 43 | 43 30 | 32 24 | 42 24 | 35 22 | 42 22 | 49 31 | 51 31 | 46 29 | 40 29 | 36 26 | 41 29 | 42 28 | 40 24 | 50 29 | 52 34 | 41 31 | 41 25 | 38 26 | | 44.6 28.8 | |
| ATLANTIC CITY | MAX MIN | 41 32 | 39 22 | 40 19 | 45 27 | 47 31 | 51 44 | 44 32 | 41 27 | 51 40 | 52 45 | 54 43 | 43 31 | 33 25 | 46 34 | 35 23 | 42 24 | 45 37 | 50 42 | 46 30 | 41 30 | 36 27 | 43 28 | 42 26 | 42 32 | 49 34 | 51 40 | 40 31 | 42 27 | 39 26 | | 43.8 30.6 | |
| AUUBSON | MAX MIN | 38 29 | 37 21 | 40 19 | 52 24 | 46 27 | 58 41 | 45 31 | 41 28 | 56 35 | 64 43 | 65 43 | 43 30 | 34 24 | 34 18 | 35 20 | 43 23 | 53 30 | 55 24 | 46 28 | 41 27 | 36 26 | 44 28 | 42 30 | 43 29 | 41 29 | 46 34 | 41 27 | 43 28 | 38 29 | | 44.8 28.4 | |
| BELLEPLAIN | MAX MIN | 49 31 | 44 25 | 42 17 | 48 16 | 46 22 | 57 43 | 56 37 | 42 26 | 57 34 | 65 34 | 65 51 | 57 32 | 40 29 | 39 24 | 40 18 | 44 16 | 52 27 | 52 26 | 47 33 | 40 28 | 42 28 | 41 25 | 41 27 | 42 23 | 41 26 | 52 40 | 42 31 | 39 25 | | 47.0 28.4 | | |
| BELVIDERE | MAX MIN | 39 30 | 35 25 | 40 15 | 54 17 | 47 21 | 50 37 | 48 35 | 41 25 | 56 30 | 50 35 | 63 50 | 50 30 | 35 20 | 29 22 | 40 17 | 47 19 | 50 25 | 46 30 | 40 27 | 35 20 | 38 24 | 40 22 | 47 22 | 37 24 | 44 30 | 38 28 | 40 30 | 35 24 | | 43.2 25.9 | | |
| BOONTON 2 SE | MAX MIN | 39 27 | 40 28 | 32 15 | 40 18 | 52 22 | 45 25 | 52 36 | 41 23 | 38 24 | 53 34 | 57 40 | 61 33 | 38 20 | 27 19 | 34 22 | 41 26 | 43 25 | 52 27 | 39 29 | 38 27 | 34 24 | 37 24 | 36 24 | 37 22 | 38 26 | 44 30 | 38 26 | 38 27 | | 41.2 25.8 | | |
| BURLINGTON | MAX MIN | 39 32 | 37 26 | 42 18 | 53 26 | 50 26 | 58 41 | | 57 27 | 62 34 | 64 43 | 52 32 | 52 26 | 34 22 | 35 21 | | 23 23 | 54 29 | 58 42 | 44 28 | 48 31 | 40 27 | 42 28 | 42 27 | 43 25 | 40 29 | 44 36 | 43 24 | 46 24 | | 47.2 28.5 | | |
| CANOE BROOK | MAX MIN | 38 29 | 37 24 | 33 15 | 40 17 | 51 20 | 50 25 | 57 36 | 42 24 | 40 26 | 55 35 | 58 49 | 64 32 | 38 22 | 29 20 | 28 33 | 35 22 | 42 27 | 49 21 | 51 27 | 40 25 | 40 26 | 34 23 | 38 24 | 38 21 | 38 21 | 45 28 | 38 26 | 39 24 | | 42.2 25.1 | | |
| CAPE MAY 3 W | MAX MIN | 45 38 | 40 33 | 37 23 | 43 28 | 48 26 | 54 35 | 50 39 | 43 32 | 56 38 | 55 42 | 60 45 | 56 35 | 41 27 | 44 34 | 35 25 | 40 22 | 47 32 | 50 37 | 50 35 | 40 30 | 40 29 | 39 30 | 40 33 | 40 31 | 42 32 | 49 40 | 44 31 | 41 32 | | 45.2 32.4 | | |
| CHARLOTTEBURG | MAX MIN | 37 25 | 37 26 | 30 11 | 37 20 | 50 20 | 48 21 | 55 34 | 48 20 | 38 20 | 53 31 | 55 38 | 62 30 | 37 17 | 29 17 | 25 15 | 32 19 | 40 22 | 45 21 | 48 21 | 38 27 | 35 25 | 33 21 | 38 20 | 34 20 | 35 17 | 36 21 | 42 27 | 35 21 | | 40.3 22.2 | | |
| CLAYTON | MAX MIN | 43 30 | 39 28 | 40 18 | 50 24 | 46 26 | 51 35 | 49 36 | 43 27 | 57 35 | 62 39 | 64 54 | 54 31 | 36 22 | 28 24 | 31 20 | 41 19 | 44 33 | 54 26 | 47 33 | 39 26 | 35 23 | 40 26 | 42 24 | 41 22 | 37 28 | 44 34 | 40 29 | 41 24 | | 43.9 28.4 | | |
| ELIZABETH | MAX MIN | 38 26 | 38 25 | 44 15 | 52 22 | 51 22 | 58 35 | 53 35 | 42 22 | 58 32 | 59 41 | 65 45 | 55 32 | 39 21 | 31 20 | 39 18 | 44 21 | 50 27 | 53 26 | 47 32 | 42 28 | 37 28 | 39 25 | 42 22 | 40 21 | 37 24 | 47 32 | 41 29 | 41 25 | | 45.6 26.9 | | |
| ESSEX FELS SERV BLOC | MAX MIN | 40 26 | 39 26 | 38 15 | 40 17 | 49 25 | 50 34 | 54 36 | 40 38 | 41 38 | 49 39 | 55 40 | 58 30 | 34 20 | 32 20 | 31 22 | 35 24 | 40 26 | 48 28 | 50 25 | 40 28 | 38 25 | 37 23 | 34 25 | 35 25 | 37 20 | 36 25 | 37 25 | 38 25 | | 41.2 27.0 | | |
| FLEMINGTON 1 NE | MAX MIN | 40 30 | 34 24 | 40 15 | 56 19 | 48 19 | 56 36 | 53 36 | 41 23 | 58 29 | 55 39 | 66 47 | 53 23 | 34 22 | 26 18 | 34 18 | 43 18 | 49 27 | 49 23 | 54 21 | 40 27 | 36 28 | 40 22 | 41 24 | 39 22 | 34 19 | 46 31 | 39 29 | 39 29 | | 44.2 25.6 | | |
| FREEHOLD | MAX MIN | 36 31 | 36 26 | 39 15 | 50 22 | 48 29 | 58 39 | 48 36 | 40 24 | 58 33 | 60 42 | 67 49 | 52 30 | 34 24 | 34 21 | 35 19 | 42 22 | 52 29 | 52 33 | 40 33 | 41 33 | 35 26 | 40 27 | 40 23 | 41 21 | 36 25 | 45 34 | 40 28 | 37 25 | | 44.0 28.3 | | |
| HAMMONTON 2 NNE | MAX MIN | 42 34 | 41 33 | 37 20 | 40 20 | 53 25 | 53 30 | 59 31 | 44 20 | 42 28 | 60 39 | 66 49 | 68 31 | 41 28 | 37 23 | 34 20 | 35 19 | 45 26 | 53 32 | 56 32 | 40 28 | 47 25 | 35 28 | 42 27 | 43 23 | 43 27 | 52 30 | 50 29 | 42 24 | | 46.2 27.8 | | |
| HIGH POINT PARK | MAX MIN | 29 18 | 30 16 | 25 3 | 31 12 | 47 18 | 45 28 | 42 28 | 38 12 | 35 15 | 47 29 | 54 35 | 52 23 | 34 9 | 26 10 | 19 6 | 28 11 | 39 17 | 41 26 | 42 26 | 40 20 | 36 18 | 34 17 | 33 12 | 30 11 | 34 12 | 33 15 | 38 15 | 30 16 | | 36.0 17.0 | | |
| HIGHTSTOWN 1 N | MAX MIN | 37 31 | 35 26 | 39 17 | 49 22 | 47 25 | 56 40 | 53 36 | 38 25 | 56 32 | 62 42 | 67 52 | 52 31 | 38 25 | 31 20 | 34 19 | 40 21 | 49 28 | 53 26 | 46 32 | 39 30 | 37 26 | 40 27 | 40 23 | 39 23 | 35 25 | 44 35 | 38 30 | 40 26 | | 43.9 28.3 | | |
| INDIAN MILLS 2 W | MAX MIN | 39 33 | 37 24 | 40 16 | 51 20 | 46 21 | 59 43 | 50 35 | 41 27 | 58 32 | 65 41 | 67 47 | 47 31 | 34 23 | 36 22 | 34 21 | 43 16 | 52 25 | 54 25 | 47 29 | 40 28 | 35 25 | 43 41 | 41 26 | 41 20 | 48 21 | 40 35 | 42 29 | 38 24 | | 45.1 27.6 | | |
| JERSEY CITY | MAX MIN | 33 30 | 33 19 | 39 17 | 49 26 | 48 30 | 53 40 | 42 31 | 38 24 | 54 34 | 48 41 | 63 41 | 40 29 | 29 22 | 30 19 | 35 18 | 40 26 | 43 32 | 48 34 | 41 28 | 39 27 | 33 28 | 37 28 | 38 24 | 38 24 | 44 25 | 38 32 | 35 29 | 35 27 | | 40.7 27.9 | | |
| LAMBERTVILLE | MAX MIN | 38 31 | 36 26 | 40 18 | 54 20 | 47 22 | 55 39 | 53 36 | 41 25 | 58 34 | 61 49 | 65 51 | 52 32 | 36 24 | 30 19 | 36 20 | 42 18 | 49 27 | 54 31 | 45 30 | 40 27 | 36 28 | 40 26 | 42 24 | 40 24 | 36 23 | 44 34 | 39 24 | 42 30 | | 44.4 28.0 | | |
| LAURELTON 1 E | MAX MIN | 37 23 | 38 18 | 43 16 | 50 20 | 44 22 | 58 40 | 45 32 | 42 26 | 58 36 | 52 40 | 63 41 | 42 30 | 33 26 | 43 23 | 37 23 | 45 20 | 48 27 | 52 30 | 44 30 | 42 31 | 36 29 | 43 30 | 44 25 | 42 22 | 43 23 | 47 34 | 41 31 | 43 28 | | 44.6 27.3 | | |
| LAYTON 3 NW | MAX MIN | 38 26 | 35 20 | 35 10 | 50 11 | 46 16 | 44 32 | 44 34 | 40 20 | 50 30 | 45 33 | 60 40 | 47 30 | 30 17 | 28 17 | 33 15 | 42 13 | 46 13 | 48 18 | 45 30 | 35 28 | 40 20 | 38 16 | 35 17 | 36 16 | 37 12 | 40 13 | 40 26 | 37 23 | | 40.7 21.9 | | |
| LITTLE FALLS 1 E | MAX MIN | 40 28 | 40 25 | 35 16 | 43 21 | 53 24 | 50 30 | 58 37 | 44 23 | 42 26 | 57 37 | 57 42 | 67 34 | 41 21 | 32 20 | 29 19 | 38 24 | 44 29 | 51 25 | 53 32 | 42 30 | 40 27 | 40 23 | 40 23 | 41 23 | 41 23 | 40 23 | 47 31 | 40 26 | | 44.3 26.9 | | |
| LONG BRANCH | MAX MIN | 35 29 | 34 22 | 35 19 | 48 28 | 46 28 | 59 43 | 40 33 | 58 27 | 52 38 | 63 42 | 42 31 | 31 25 | 44 20 | 35 23 | 43 25 | 45 32 | 49 34 | 45 30 | 41 30 | 34 29 | 40 30 | 40 25 | 39 24 | 40 28 | 46 34 | 37 30 | 40 27 | 35 25 | | 42.9 29.2 | | |
| LONG VALLEY | MAX MIN | 37 27 | 35 25 | 36 13 | 52 17 | 51 18 | 53 35 | 45 33 | 38 22 | 52 37 | 51 35 | 62 47 | 52 29 | 34 19 | 25 18 | 37 16 | 40 18 | 47 22 | 49 25 | 45 28 | 40 26 | 36 25 | 38 20 | 39 21 | 37 18 | 35 28 | 42 29 | 38 25 | 36 23 | | 42.2 24.7 | | |
| MILLVILLE | MAX MIN | 44 30 | 42 30 | 39 19 | 50 20 | 53 26 | 54 30 | 59 36 | 45 30 | 42 30 | 60 40 | 64 43 | 67 34 | 43 30 | 38 22 | 31 22 | 37 22 | 44 27 | 52 30 | 55 29 | 40 25 | 40 25 | 36 29 | 45 30 | 42 26 | 42 29 | 50 31 | 43 26 | 50 30 | | 46.3 28.6 | | |
| MOORESTOWN | MAX MIN | 37 28 | 37 20 | 40 18 | 52 22 | 46 25 | 58 43 | 44 31 | 40 28 | 56 34 | 64 43 | 66 41 | 41 30 | 31 24 | 33 22 | 35 21 | 42 23 | 52 29 | 56 27 | 46 29 | 40 29 | 35 27 | 43 26 | 41 28 | 41 26 | 44 27 | 46 33 | 40 30 | 42 27 | | 44.8 28.1 | | |
| MORRIS PLAINS | MAX MIN | 37 28 | 39 26 | 33 13 | 39 19 | 54 21 | 50 26 | 53 36 | 42 23 | 39 25 | 54 34 | 57 49 | 64 31 | 34 20 | 29 18 | 25 33 | 35 20 | 41 25 | 47 22 | 49 31 | 38 28 | 37 24 | 37 22 | 39 22 | 38 21 | 36 25 | 44 29 | 37 25 | 38 24 | | 41.1 24.3 | | |
| NEWARK WB AIRPORT | MAX MIN | 36 31 | 37 20 | 43 18 | 53 28 | 50 31 | 56 39 | 40 32 | 58 25 | 51 35 | 66 42 | 42 30 | 31 23 | 31 21 | 37 21 | 43 25 | 46 32 | 52 31 | 44 30 | 42 30 | 36 30 | 41 29 | 41 25 | 41 25 | 41 25 | 46 27 | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
FEBRUARY 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SOMERVILLE | MAX | 37 | 34 | 38 | 53 | 48 | 56 | 52 | 39 | 57 | 55 | 65 | 51 | 33 | 29 | 35 | 41 | 48 | 53 | 43 | 40 | 35 | 39 | 40 | 39 | 33 | 45 | 40 | 39 | 36 | | 43.2 | |
| | MIN | 31 | 23 | 16 | 18 | 21 | 40 | 34 | 25 | 33 | 43 | 50 | 32 | 23 | 19 | 19 | 17 | 26 | 23 | 31 | 29 | 28 | 27 | 23 | 21 | 23 | 34 | 30 | 29 | 26 | | 27.4 | |
| SUSSEX 3 N | MAX | 33 | 36 | 28 | 36 | 48 | 46 | 47 | 40 | 38 | 51 | 57 | 59 | 36 | 29 | 26 | 32 | 41 | 46 | 48 | 39 | 38 | 34 | 37 | 28 | 35 | 37 | 43 | 37 | 38 | | 39.4 | |
| | MIN | 23 | 25 | 12 | 14 | 17 | 20 | 34 | 20 | 20 | 31 | 36 | 32 | 18 | 15 | 15 | 18 | 19 | 23 | 26 | 21 | 25 | 27 | 19 | 18 | 15 | 19 | 27 | 20 | 22 | | 21.6 | |
| TOMS RIVER | MAX | 48 | 39 | 42 | 50 | 46 | 62 | 52 | 41 | 58 | 65 | 67 | 52 | 46 | 45 | 36 | 45 | 50 | 54 | 48 | 41 | 37 | 44 | 43 | 44 | 39 | 50 | 42 | 46 | 38 | | 47.2 | |
| | MIN | 34 | 23 | 16 | 17 | 21 | 42 | 38 | 24 | 32 | 38 | 49 | 32 | 24 | 22 | 21 | 14 | 23 | 23 | 34 | 31 | 21 | 28 | 25 | 19 | 21 | 38 | 31 | 24 | 29 | | 27.4 | |
| TRENTON WB CITY | MAX | 36 | 36 | 40 | 52 | 47 | 57 | 44 | 40 | 57 | 65 | 67 | 40 | 30 | 31 | 34 | 42 | 50 | 54 | 47 | 39 | 35 | 41 | 40 | 39 | 40 | 45 | 39 | 40 | 34 | | 43.5 | |
| | MIN | 31 | 19 | 18 | 27 | 32 | 43 | 32 | 28 | 37 | 44 | 40 | 30 | 20 | 20 | 23 | 24 | 32 | 30 | 30 | 30 | 26 | 28 | 27 | 25 | 28 | 33 | 30 | 28 | 24 | | 28.9 | |
| TUCKERTON | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | MAX | 41 | 38 | 40 | 50 | 46 | 58 | 52 | 41 | 57 | 62 | 66 | 55 | 38 | 34 | 35 | 42 | 51 | 54 | 47 | 40 | 37 | 42 | 42 | 42 | 40 | 42 | 42 | 41 | 41 | | 45.4 | |
| | MIN | 33 | 27 | 17 | 22 | 25 | 42 | 36 | 28 | 33 | 44 | 52 | 32 | 25 | 22 | 20 | 18 | 27 | 28 | 32 | 27 | 25 | 28 | 28 | 25 | 25 | 35 | 30 | 27 | 30 | | 29.1 | |

DAILY SOIL TEMPERATURES

| Station And Depth | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 35 | 35 | 32 | 35 | 35 | 44 | 39 | 36 | 42 | 43 | 50 | 40 | 34 | 34 | 33 | 35 | 40 | 40 | 37 | 35 | 33 | 35 | 35 | 35 | 33 | 37 | 33 | 30 | 31 | | 36.4 |
| | MIN | 32 | 31 | 30 | 30 | 30 | 35 | 34 | 31 | 34 | 38 | 42 | 35 | 33 | 32 | 32 | 32 | 32 | 31 | 32 | 32 | 31 | 32 | 32 | 30 | 30 | 29 | 32 | 29 | 28 | 29 | |
| 2 INCHES | MAX | 35 | 35 | 32 | 34 | 35 | 42 | 40 | 36 | 40 | 42 | 48 | 40 | 35 | 34 | 33 | 34 | 38 | 39 | 37 | 35 | 33 | 35 | 35 | 34 | 32 | 37 | 33 | 31 | 32 | | 36.4 |
| | MIN | 33 | 32 | 31 | 31 | 31 | 34 | 35 | 32 | 34 | 38 | 42 | 36 | 34 | 33 | 32 | 32 | 32 | 32 | 33 | 33 | 31 | 32 | 31 | 30 | 30 | 32 | 30 | 29 | 30 | | 32.6 |
| 4 INCHES | MAX | 35 | 35 | 32 | 33 | 34 | 42 | 40 | 35 | 40 | 42 | 48 | 40 | 35 | 34 | 33 | 34 | 38 | 39 | 37 | 34 | 33 | 34 | 34 | 32 | 32 | 36 | 32 | 30 | 31 | | 35.6 |
| | MIN | 33 | 32 | 31 | 31 | 31 | 34 | 35 | 32 | 34 | 38 | 42 | 36 | 34 | 33 | 32 | 32 | 32 | 32 | 33 | 33 | 31 | 32 | 31 | 30 | 30 | 32 | 30 | 29 | 30 | | 32.6 |
| 8 INCHES | MAX | 35 | 35 | 34 | 34 | 34 | 40 | 39 | 37 | 38 | 40 | 44 | 40 | 36 | 36 | 35 | 34 | 36 | 37 | 37 | 35 | 34 | 34 | 34 | 33 | 32 | 35 | 32 | 32 | 32 | | 35.6 |
| | MIN | 34 | 34 | 32 | 32 | 32 | 34 | 36 | 35 | 35 | 38 | 38 | 38 | 36 | 35 | 34 | 33 | 33 | 34 | 35 | 34 | 33 | 33 | 32 | 32 | 31 | 32 | 32 | 31 | 31 | | 33.8 |
| 12 INCHES | MAX | 35 | 35 | 35 | 34 | 34 | 38 | 38 | 37 | 37 | 39 | 42 | 41 | 38 | 37 | 36 | 35 | 36 | 37 | 37 | 36 | 35 | 35 | 34 | 34 | 33 | 34 | 34 | 32 | 33 | | 35.8 |
| | MIN | 35 | 35 | 33 | 33 | 33 | 34 | 37 | 36 | 35 | 37 | 39 | 40 | 37 | 36 | 35 | 35 | 34 | 35 | 36 | 35 | 34 | 34 | 33 | 33 | 32 | 32 | 33 | 32 | 32 | | 34.6 |
| 16 INCHES | MAX | 36 | 35 | 35 | 35 | 35 | 38 | 38 | 37 | 37 | 39 | 42 | 41 | 39 | 38 | 37 | 36 | 36 | 37 | 37 | 37 | 36 | 35 | 35 | 34 | 34 | 34 | 34 | 34 | 33 | | 36.3 |
| | MIN | 35 | 35 | 34 | 34 | 34 | 35 | 37 | 36 | 36 | 37 | 39 | 40 | 38 | 37 | 36 | 35 | 35 | 36 | 37 | 36 | 35 | 35 | 34 | 33 | 33 | 33 | 33 | 32 | 32 | | 35.2 |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky Bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Elektronik Potentiometer.

SNOWFALL AND SNOW ON GROUND

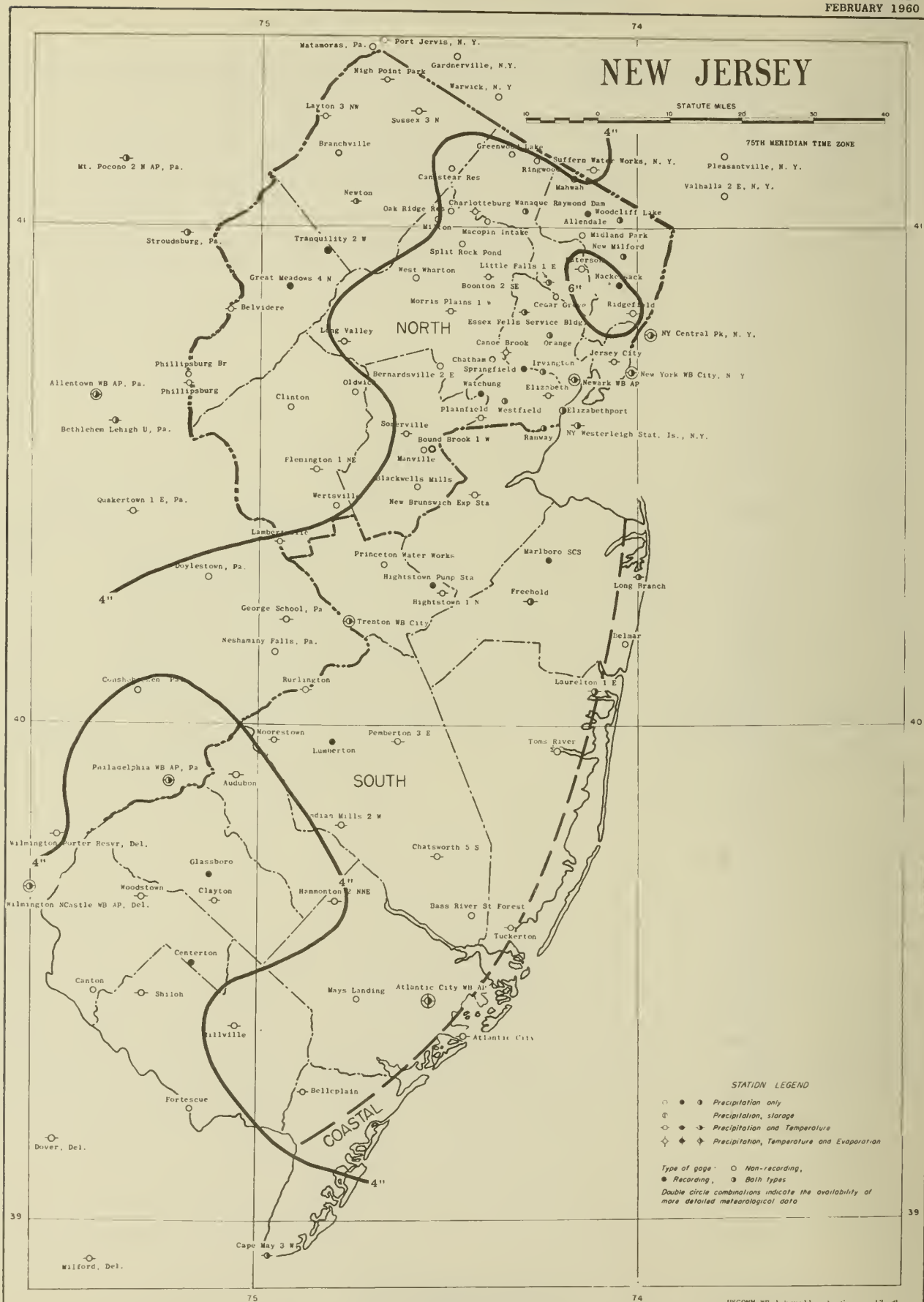
NEW JERSEY
FEBRUARY 1960

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|----|---|---|---|---|---|---|---------|----|----|----|----------|----------|----------|----|----|-----|----------|----------|--------|----------|--------|----------|----------|---------|----|----------|----------|---------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GNO WTR EQUIV | | | | | | | | | | | | | 2.2 | 1.0 1 | | | | | | | .2 | T T | | | .2 | | | | | T | |
| ATLANTIC CITY | SNOWFALL SN ON GNO | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BASS RIVER ST FOREST | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BELVIDERE | SNOWFALL SN ON GND | | | | | | | T | | T | | | | | 1.3 1 | 1 | 1 | T | T | | 1.8 1 | T T | T T | T T | T T | .2 T | .1 | T | | 1.0 T | | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | | | | | | | | | T T | | | | | 1.0 1 | 1 | 1 | T | | 3.0 3 | 2 | 2 | 2 | 1 | 1 | 1 | .5 1 | 1 | T | .3 T | | |
| CLAYTON | SNOWFALL SN ON GND | | | | | | | | | | | | | T T | T T | T T | T | | | | | | T | | | T | | | | T | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GNO | T | T | | | | | T | T | T | | | | | 3.0 3 | 3 | 2 | T | | 4.0 T | T | T | .5 T | T | T | 1.5 2 | T | | 1.5 1 | | | |
| FREEHOLO | SNOWFALL SN ON GND | | | | | | | | | | | | | | .7 | | | | | | | | .2 | | | .5 | | | | 2.7 T | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GNO | | | | | | | | | | | T | | | 1.2 1 | 1 | T | T | | | | | .3 | | 1.0 T | | | | 2.5 T | | | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GND | | | | | | | | | | | | | 1.8 2 | .1 T | T | | | | | | | .4 | | .7 | | | | .2 | | | |
| LAMBERTVILLE | SNOWFALL SN ON GND | T | T | | | | | | | | | | | | 2.5 2 | 2 | T | T | | 1.0 | | | .5 | | .5 1 | | | | 2.0 T | | | |
| LAURELTON 1 E | SNOWFALL SN ON GND | T | T | | | | | | | | | | | 2.0 2 | T T | | | | | | | T T | T | | T | | | | 1.1 T | | | |
| LAYTON 3 NW | SNOWFALL SN ON GND | 2 | 2 | 2 | 2 | 2 | 1 | | | 1.0 | | | | | 1.3 2 | 2 | 1 | | | 4.0 4 | 4 | 4 | .1 4 | 4 | 4 | .7 5 | 3 | 3 | 3 | .2 3 | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | | | | | | | | | .1 T | | | | | 1.0 1 | .1 1 | 1 | 1 | | 1.0 1 | T | | | | | .5 | .2 T | | .5 1 | | | |
| LONG BRANCH | SNOWFALL SN ON GNO | | T | | | | | T | | | | | | .9 T | | | | | | T | | T | T | | T | | | | 3.0 1 | | | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | | | | | | | 2.0 - | - | | | | 3.0 - | | | | | | | | | 2.0 - | | | |
| MAYS LANDING | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MILLVILLE | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MOORESTOWN | SNOWFALL SN ON GND | T | | T | | | | | | | | | | | 2.0 1 | .1 2 | 1 | T | | | | | 1.0 1 | | | 1.0 | | | 1.0 1 | | | |
| MORRIS PLAINS | SNOWFALL SN ON GNO | | T | T | | | | T | T | .1 T | | | | | .8 1 | .2 | | T | | 2.5 3 | T | | T | T | | T | | | 2.0 2 | | | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GNO WTR EQUIV | T | T | | | | | T | T | T | | | | .8 | 1.3 1 | T | T | T | 1.3 | T | | | T T | | | .8 | | T | 1.0 1 | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | T | | | | | T | | | | | | T T | 1.5 1 | 1 | T | | | | | | T | | | 1.0 1 | | | 1.4 T | | | |
| NEWTON | SNOWFALL SN ON GND | T | T | T | T | T | T | | | .7 1 | | | | | 1.5 1 | T 1 | 1 | T | T | 4.5 5 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 1 | .5 1 | |
| PATERSON | SNOWFALL SN ON GND | | | T | | | | | | T T | | | | | 1.0 1 | T | | | | 1.0 T | T | | | T | | .3 | | | .2 1 | | | |
| PEMBERTON 3 E | SNOWFALL SN ON GND | | | | | | | | | | | | | | .5 T | T | | | | | | | .2 | | | .3 T | | | .2 | | | |
| PHILLIPSBURG | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | T | | | | | T | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | T | T | | | | | T | | | T | | | | T - | 1.0 - | | | | | | | T | | | 1.0 - | | | | 1.0 - | | |
| RAHWAY | SNOWFALL SN ON GND | | | | | | | | | | | | | | T 1 | .6 1 | T | | | T | | | T | | T | | T | | | 1.3 1 | | |
| RIDGEFIELD | SNOWFALL SN ON GND | | .1 | | | | | | | .1 T | | | | | .5 1 | 1.0 1 | T | | | 1.0 1 | T | | | T | | 1.0 | | | .3 T | | | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | | | | | | | | | | | 1.5 - | - | | | | T | 2.0 - | | | | | .5 - | | | 1.0 - | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | | T | | | | | | | T | | | | | .8 | .4 1 | 1 | T | T | T | | .3 | .1 T | | | 1.3 | | .2 | 1.2 1 | | | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | T | T | T | T | | | | | T T | | | | | .6 1 | .2 1 | T | | | 1.3 1 | 1 | 1 | 1 | T | | | | | | | | |

See reference notes following Station Index.

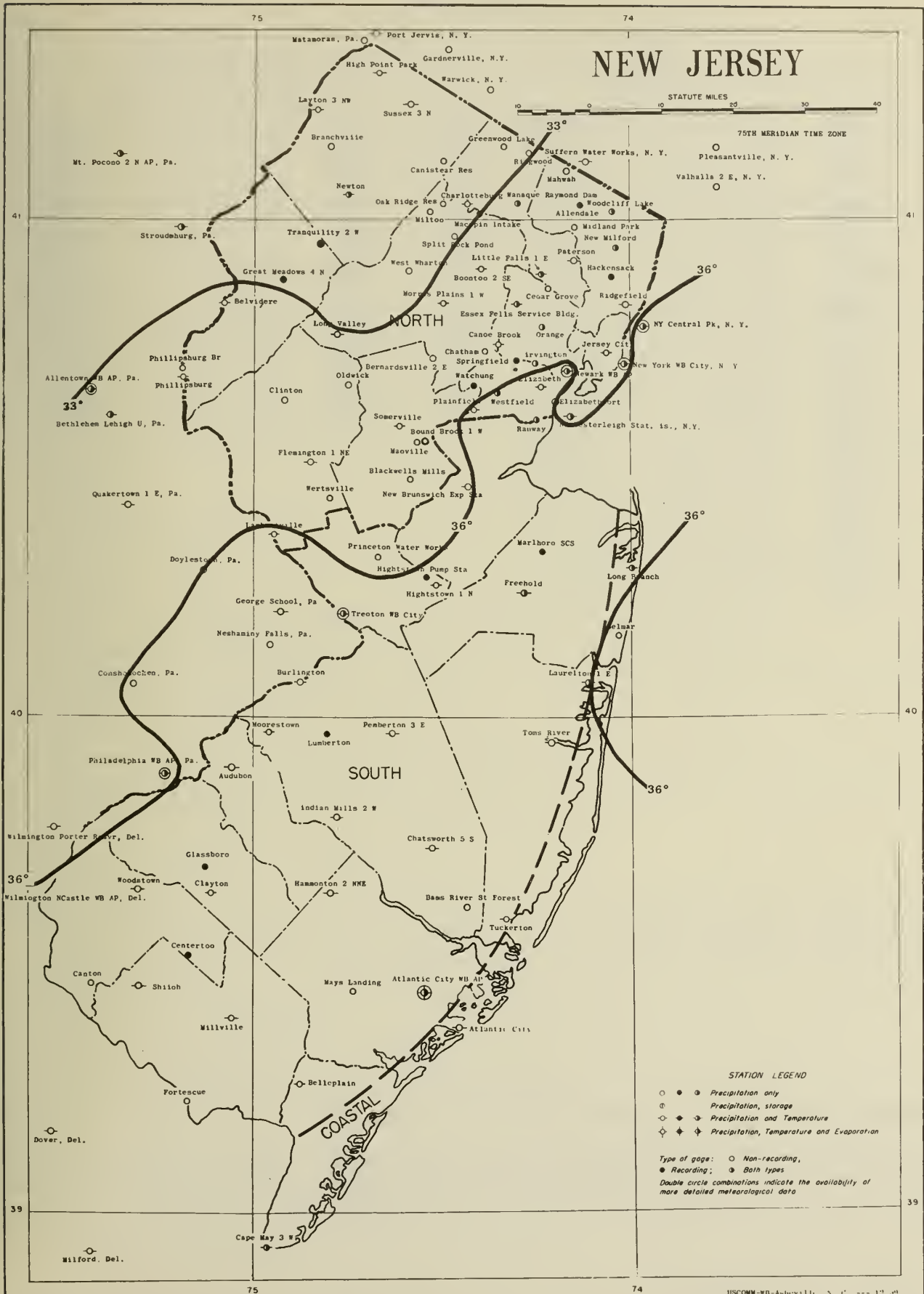
TOTAL PRECIPITATION

NEW JERSEY
FEBRUARY 1960



AVERAGE TEMPERATURE

NEW JERSEY
FEBRUARY 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
FEBRUARY 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------------|---------|-------|---------|----------|---------------------------|-----------------------|--------|------------|----------|-----------|-----------|-----------------------------------|---------|-------|---------|----------------------------|------------------------|--|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | |
| ALLERDALE | 0100 | BERGEN | 8 41 02 | 74 08 | 270 | | | | | | C | BERGEN COUNTY ENGINEERS | HILLVILLE | 5576 | CUMBERLAND | 6 39 24 | 75 03 | 60 | 8A | MID | | C | H L. J. GALLAWAY | | |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 39 27 | 74 35 | 58 | MID | MID | | | | C H J | U.S. WEATHER BUREAU | HILTON | 5597 | MORRIS | 8 41 01 | 74 32 | 950 | 7A | | | | JERSEY CITY WATER WK. | | |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 39 23 | 74 26 | 10 | MID | MID | | | | H | STATE MARINA | MOORESTOWN | 5728 | BURLINGTON | 2 39 58 | 74 58 | 95 | MID | 8A | | H | M. J. WILLARD | | |
| AUDUBON | 0346 | CAMDEN | 2 39 34 | 75 04 | 50 | 11P | 11P | | | | | IRVIN J. HYGREN | MORRIS PLAINS | 5769 | MORRIS | 8 40 50 | 74 30 | 500 | 8A | 8A | | H | JAMES C. LONG | | |
| BASS NIVEN ST FOREST | 0528 | BURLINGTON | 1 39 37 | 74 26 | 20 | 6P | | | | | H | N.J. FORESTRY SERVICE | NEWARK WB AIRPORT | 6026 | ESSEX | 1 40 42 | 74 10 | 11 | MID | MID | | C | H J. U.S. WEATHER BUREAU | | |
| BELLEPLAIN | 0690 | CAPE MAY | 1 39 16 | 74 52 | 49 | 5P | 5P | | | | | MRS. ED C. HOFFMAN | NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 40 28 | 74 26 | 86 | 5P | 5P | | GH | ARTHUR H. AHLQUIST | | |
| BELMAR | 0721 | MONMOUTH | 1 40 10 | 74 02 | 19 | 8A | | | | | | BELMAR WATER WORKS | NEW MILFORD | 6146 | BERGEN | 4 40 57 | 74 02 | 12 | | | | C | HACKENSACK WATER CO. | | |
| BELVIDERE | 0729 | WARREN | 2 40 30 | 75 05 | 275 | 5P | | | | | H | CLEMENT MAUPY | NEWTON | 6177 | SUSSEX | 2 41 03 | 74 45 | 565 | 8A | 8A | | C | H NEWTON WTR. + SWP. COMM. | | |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 40 43 | 74 32 | 240 | 7A | | | | | | BERNARDS WATER COMPANT | OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 41 02 | 74 30 | 870 | | | | | NEWARK WATER DEPT. | | |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 40 29 | 74 35 | 27 | 7A | | | | | | HENRY M. MILLER | OLDWICK | 6544 | HUNTERDON | 10 40 40 | 74 45 | 260 | 8A | | | | DAN A. COUGHLIN | | |
| BOONTON 2 SE | 0907 | MORRIS | 8 40 54 | 74 24 | 280 | 8A | 8A | | | | | JERSEY CITY WATER WORKS | ONANGE | 6560 | ESSEX | 8 40 47 | 74 14 | 140 | MID | | | C | COUNTY ENGINEER | | |
| BOOND BROOK 1 W | 0927 | SOMERSET | 10 40 33 | 74 23 | 20 | 8A | | | | | | AMERICAN CYANAMID CO. | PATERSON | 6775 | PASSAIC | 8 40 55 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO | | |
| BRAUNOVILLE | 0978 | SUSSEX | 2 41 09 | 74 45 | 970 | 7A | | | | | | ALBERT M. DAVENPORT | REMBERTON 3 E | 6843 | BURLINGTON | 2 39 58 | 74 18 | 60 | 5P | 5P | | H | PHILIP E. MARUCCI | | |
| BURLINGTON | 1211 | BURLINGTON | 2 40 04 | 74 53 | 12 | 6P | 6P | | | | | PUBLIC SVCS. E. + G. CO. | PHILLIPSBURG | 6974 | WARREN | 2 40 41 | 75 12 | 182 | 3P | 3P | | H | SEWAGE DISPOSAL PLANT | | |
| CANISTEAN RESERVOIR | 1327 | SUSSEX | 8 41 07 | 74 30 | 1040 | 8A | | | | | | NEWARK WATER DEPARTMENT | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 40 42 | 75 12 | 196 | 9A | | | | JOINT TOLL BRIDGE COMM. | | |
| CANOE BROOK | 1335 | ESSEX | 8 40 45 | 74 21 | 180 | 9A | 9A | | | | | COMMONWEALTH WATER CO. | PLAINFIELD | 7079 | UNION | 10 40 36 | 74 25 | 120 | 8P | 8P | | H | MRS. VIVIAN SCHERER | | |
| CANTON | 1343 | SALEM | 2 39 28 | 75 25 | 20 | 9A | | | | | | GERTRUDE S. WILLIS | PRINCETON WATER WORKS | 7328 | MERCER | 10 40 19 | 74 40 | 90 | MID | | | | PRINCETON WATER CO. | | |
| CAPE HAT 3 W | 1351 | CAPE MAY | 1 38 56 | 74 57 | 17 | 5P | | | | | | N. WEST MAGNETIC CO. | RAHWAY | 7393 | UNION | 9 40 36 | 74 15 | 20 | MID | | | C | H RAHWAY VLY. SWG. AUTH. | | |
| CEDAR GROVE | 1472 | ESSEX | 8 40 52 | 74 15 | 400 | 8A | | | | | | J. A. RUMKETT | RIDGEFIELD | 7545 | BERGEN | 4 40 50 | 74 01 | 80 | MID | MID | | C | H GEORGE P. KIPSTEIN | | |
| CENTERTON | 1512 | SALEM | 6 39 31 | 75 10 | 80 | | | | | | | C. JOHN HOPKINS UNIV. | RINGWOOD | 7587 | PASSAIC | 8 41 08 | 74 16 | 305 | 10A | | | | N.J. JERSEY WTR. SUPPLY | | |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 41 03 | 74 26 | 760 | 7A | 7A | | | | H | NEWARK WATER DEPT. | SHILON | 8051 | CUMBERLAND | 2 39 28 | 75 18 | 120 | 5P | 5P | | H | EVERETT DICKINSON | | |
| CHATHAM | 1590 | MORRIS | 8 40 44 | 74 25 | 185 | 8A | | | | | | EDWARD P. HOLITOR | SOMERVILLE | 8194 | SOMERSET | 10 40 34 | 74 37 | 75 | 6P | 6P | | H | W. E. HAYES | | |
| CHATSORTH 5 S | 1594 | BURLINGTON | 1 39 44 | 74 32 | 90 | 5P | 5P | | | | | INACTIVE S/SB | SPLIT ROCK POND | 8402 | MORRIS | 8 40 58 | 74 28 | 800 | 10A | | | | JERSEY CITY D. P. & H. | | |
| CLAYTON | 1704 | GLOUCESTER | 6 39 39 | 75 06 | 120 | 6P | 6P | | | | H | HARRY P. CAMPBELL | SPRINGFIELD | 8423 | UNION | 1 40 43 | 74 18 | - | | | | C | N. J. DEPT. OF CON. | | |
| CLINTON | 1749 | HUNTERDON | 10 40 38 | 74 55 | 100 | 6P | | | | | | L. & W. KLOEGER | SUSSEX 3 N | 8644 | SUSSEX | 5 41 14 | 74 35 | 530 | 7A | 7A | | | BRECE R. STANTON | | |
| ELIZABETH | 2444 | UNION | 1 40 40 | 74 14 | 35 | 5P | 5P | | | | | UNION CO. PARK COMM. | TOMS RIVER | 8816 | OCEAN | 1 39 57 | 74 13 | 10 | 6P | 6P | | | | TOMS RIVER WATER CO. | |
| ELIZABETHPORT | 2652 | UNION | 8 40 30 | 74 12 | 10 | MID | | | | | C | SEWAGE TREATMENT PLANT | TRANQUILITY 2 W | 8858 | WARREN | 2 40 57 | 74 50 | 551 | | | | C | H J. J. ERYEY | | |
| ESSEX EELS SERV BLDG | 2768 | ESSEX | 8 40 50 | 74 18 | 250 | 8A | 8A | | | | | BOROUGH ESSEX EELS | TRENTON WB CITT | 8883 | MERCER | 2 40 13 | 74 46 | 56 | MID | MID | | C | H U.S. WEATHER BUREAU | | |
| ELEPHANT 1 NE | 3029 | HUNTERDON | 10 40 31 | 74 51 | 134 | 5P | 5P | | | | H | DONALD TONG | TUCKERTON | 8899 | OCEAN | 1 39 36 | 74 20 | 10 | 6P | 6P | | | | FEV. EDWARD G. MCGILL | |
| FONTSUCUE | 3102 | CUMBERLAND | 2 39 14 | 75 10 | 5 | 7A | | | | | | JOHN LOFER | WARAQUE RATHMOND DAM | 9187 | PASSAIC | 8 41 03 | 74 18 | 320 | 8A | | | C | M WATER SUPPLY COMM. | | |
| FREEMOLD | 3181 | MONMOUTH | 10 40 15 | 74 17 | 194 | 6P | 6P | | | | C | ERANK J. MOREAU | WATCHUNG | 9271 | UNION | 8 40 40 | 74 25 | - | | | | | | RONNIE RURN SANITARIUM | |
| GLASSBORO | 3291 | GLOUCESTER | 2 39 42 | 75 07 | 150 | | | | | | C | PROF. J. B. SANGREE | WERTSVILLE | 9363 | HUNTERDON | 10 40 27 | 74 48 | 140 | 7A | | | | ROBERT H. MANNERS | | |
| GREAT MEADOWS A N | 3416 | WARREN | 2 40 56 | 74 55 | 940 | 6A | | | | | C | GAMMA CHEMICAL CORP. | WESTFIELD | 9455 | UNION | 9 40 39 | 74 21 | 134 | 5P | | | C | CITY ENGINEER | | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 41 09 | 74 20 | 660 | 7A | | | | | | GEORGE T. WIGGINS | WEST WHARTON | 9608 | MORRIS | 8 40 54 | 74 36 | 680 | 7A | | | | N.J. POWER & LIGHT CO. | | |
| HACKENSACK | 3572 | BERGEN | A 40 53 | 74 03 | 10 | | | | | | C | BERGEN COUNTY ENGINEERS | WOODCLIFF LAKE | 9832 | BERGEN | 4 41 01 | 74 03 | 103 | MID | | | C | HACKENSACK WATER CO. | | |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 1 39 39 | 74 48 | 85 | 8A | 8A | | | | | W. HUBBARD PARKHURST | WOODSTOWN | 9910 | SALEM | 2 39 39 | 75 19 | 50 | 5P | 5P | | | | CREAM VALLEY DAIRY | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 41 18 | 74 40 | 1570 | 8A | 8A | | | | | N. J. DEPT. OF CON. | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 3991 | MERCER | 10 40 16 | 74 31 | 100 | 8P | 8P | | | | | H. JAMES R. PICKERING | | | | | | | | | | | | | |
| HIGHTSTOWN PUMPING STA | 3996 | MERCER | 10 40 17 | 74 32 | 75 | | | | | | C | DEPT. WATER & SEWAGE | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | 4229 | BURLINGTON | 7 39 48 | 74 47 | 100 | 7P | 7P | | | | H | EDWARD ENTWISTLE | | | | | | | | | | | | | |
| IRVINGTON | 4260 | ESSEX | 1 40 43 | 74 15 | 120 | MID | | | | | C | JOINT MEETING GAPAGE | | | | | | | | | | | | | |
| JERSEY CITY | 4339 | MUDSON | 1 40 44 | 74 04 | 135 | MID | MID | | | | | JERSEY CITY WATER DEPT. | | | | | | | | | | | | | |
| LAURELTON 1 E | 4635 | HUNTERDON | 2 40 22 | 74 57 | 75 | 6P | 6P | | | | H | E. E. CASE | | | | | | | | | | | | | |
| LAURELTON 1 E | 4700 | OCEAN | 1 40 04 | 74 07 | 20 | MID | MID | | | | C | GEORGE G. WADDILL | | | | | | | | | | | | | |
| LAYTON 3 NW | 4735 | SUSSEX | 2 41 15 | 74 51 | 480 | 6P | 6P | | | | H | A. M. DEPUCE | | | | | | | | | | | | | |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 40 53 | 74 14 | 157 | 9A | 9A | | | | C | H PASSAIC VLY. WTP. COMM. | | | | | | | | | | | | | |
| LONG BRANCH | 4987 | MONMOUTH | 1 40 18 | 73 59 | 34 | MID | MID | | | | C | H WILLIAM D. MARTIN JR. | | | | | | | | | | | | | |
| LONG VALLEY | 5007 | MORRIS | 10 40 48 | 74 46 | 660 | 6P | 6P | | | | H | ARTHUR BARKMAN | | | | | | | | | | | | | |
| LUNBERTON | 5055 | BURLINGTON | 2 39 58 | 74 48 | 25 | | | | | | C | JAMES LAWTON | | | | | | | | | | | | | |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 41 01 | 74 24 | 594 | | | | | | | NEWARK WATER DEPT. | | | | | | | | | | | | | |
| MAHWAH | 5104 | BERGEN | 8 41 06 | 74 10 | 253 | 7A | | | | | | ROBERT G. GLASGOW | | | | | | | | | | | | | |
| MAVILLE | 5197 | SOMERSET | 10 40 33 | 74 34 | 50 | MID | | | | | | JOHN L. RADCLIFFE | | | | | | | | | | | | | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 40 20 | 74 14 | 120 | | | | | | C | GEORV BRILL | | | | | | | | | | | | | |
| MARS LANDING | 5346 | ATLANTIC | 3 59 27 | 74 44 | 50 | 5P | | | | | H | ELMER EARLE | | | | | | | | | | | | | |
| MIDLAND PARK | 5507 | BERGEN | 1 40 59 | 74 09 | 210 | MID | | | | | | RIDGEWOOD WATER CO. | | | | | | | | | | | | | |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MARCH 1960

Volume 65 No. 3



NEW JERSEY - MARCH 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 80° on the 29+ at 5 Stations

Lowest Temperature: -5° on the 12+ at Layton 3 NW

Greatest Total Precipitation: 4.17 inches at Long Branch

Least Total Precipitation: 1.06 inches at Wertsville

Greatest One Day Precipitation: 1.95 inches on the 3rd at Manville

Greatest Reported Total Snowfall: 29 inches at Canistear Reservoir
and Oak Ridge Reservoir

Greatest Reported Depth of Snow on Ground: 25 inches on the 6+ at Oak
Ridge Reservoir

SPECIAL WEATHER SUMMARY

This was the coldest March since the turn of the century at many stations, and the coldest March since 1916 at most of the other locations. In Trenton March was the coldest month of the winter season, an occurrence never before recorded. Snowfall for the month far exceeded the long-term average throughout the state, due mainly to the snowstorm of the 3rd and 4th, when amounts ranged from around 4 inches in the extreme south to 22 inches or more in Sussex County in the northwest.

In spite of the heavy snow, precipitation over all of the state, except the immediate coastal area, was considerably below the long-term average. In the coastal area precipitation was near normal.

Donald V. Dunlap
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
MARCH 1960

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|------------------------|----|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|-------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min. | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 32° or Above | 32° or Below | 32° or Above | 32° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | | 41.5 | 19.1 | 30.3 | - 9.4 | 70 | 31+ | - 2 | 7 | 1067 | 0 | 6 | 28 | 1 | 2.14 | - 2.10 | .85 | 3 | 20.5 | 18 | 3 | 5 | 2 | 0 |
| BOONTON 2 SE | AM | 38.4 | 21.8 | 30.1 | - 7.6 | 65 | 29 | 9 | 9 | 1076 | 0 | 8 | 28 | 0 | 2.14 | - 1.87 | .80 | 4 | | | | 3 | 2 | 0 |
| CANOE BROOK | AM | 39.4 | 20.6 | 30.0 | - 7.9 | 67 | 29 | 4 | 11 | 1076 | 0 | 7 | 28 | 0 | 1.90 | - 2.46 | .75 | 4 | 21.4 | 16 | 4 | 3 | 2 | 0 |
| CHARLOTTEBURG | AM | 36.6 | 17.3 | 27.0 | -10.3 | 65 | 29 | 2 | 12 | 1171 | 0 | 11 | 29 | 0 | 2.68 | - 1.91 | 1.05 | 4 | 27.0 | 21 | 5 | 5 | 2 | 1 |
| ELIZABETH | | 43.7 | 22.5 | 33.1 | - 8.3 | 75 | 28 | 9 | 11 | 980 | 0 | 2 | 27 | 0 | 2.39 | - 2.08 | .83 | 3 | 20.8 | 14 | 4 | 5 | 3 | 0 |
| ESSEX FIELDS SERV BLDG | AM | 38.5 | 22.4 | 30.5 | | 61 | 31 | 10 | 11 | 1063 | 0 | 4 | 27 | 0 | 2.98 | | 1.62 | 4 | | | | 6 | 2 | 1 |
| FLEMINGTON 1 NE | | 41.3 | 20.4 | 30.9 | - 9.9 | 72 | 28 | 1 | 7 | 1053 | 0 | 5 | 28 | 0 | 2.00 | - 2.13 | .82 | 31 | 24.5 | 18 | 5+ | 5 | 2 | 0 |
| HIGH POINT PARK | AM | 33.9 | 12.8 | 23.4 | | 59 | 29 | - 2 | 11 | 1285 | 0 | 19 | 29 | 0 | 1.39 | | .87 | 31 | | 23 | 6+ | 5 | 2 | 0 |
| JERSEY CITY | | 39.0 | 24.9 | 32.0 | - 8.3 | 69 | 28 | 12 | 11 | 1017 | 0 | 9 | 26 | 0 | 2.38 | - 1.62 | .90 | 3 | | | | 5 | 2 | 0 |
| LAMBERTVILLE | | 41.7 | 22.8 | 32.3 | - 7.9 | 73 | 28 | 5 | 7 | 1008 | 0 | 6 | 25 | 0 | 2.37 | - 1.74 | .80 | 3 | 16.0 | 14 | 4 | 5 | 1 | 0 |
| LAYTON 3 NW | | 39.7 | 15.8 | 27.8 | - 8.5 | 68 | 31 | - 5 | 12+ | 1148 | 0 | 6 | 28 | 2 | 1.43 | - 2.05 | .62 | 3 | 19.0 | 16 | 5+ | 6 | 1 | 0 |
| LITTLE FALLS 1 E | AM | 42.4 | 23.1 | 32.8 | - 6.9 | 70 | 29 | 11 | 11 | 994 | 0 | 3 | 27 | 0 | 2.45 | - 1.95 | 1.05 | 4 | 23.1 | 17 | 5+ | 4 | 2 | 1 |
| LONG VALLEY | | 40.2 | 18.2 | 29.2 | | 68 | 28 | - 2 | 9 | 1096 | 1 | 7 | 29 | 0 | 3.87 | - .48 | 1.40 | 3 | 27.0 | | | 8 | 3 | 1 |
| MORRIS PLAINS | AM | 38.7 | 21.0 | 29.9 | | 67 | 29 | 9 | 9 | 1080 | 0 | 8 | 27 | 0 | 2.51 | | .79 | 4 | 19.2 | | | 7 | 2 | 0 |
| NEWARK WB AIRPORT | R | 41.7 | 26.1 | 33.9 | - 6.6 | 72 | 28 | 14 | 11 | 959 | 0 | 3 | 25 | 0 | 2.98 | - .80 | 1.20 | 3 | 19.0 | 14 | 4 | 6 | 2 | 1 |
| NEWTON | AM | 37.0 | 18.0 | 27.5 | - 9.4 | 67 | 29 | - 1 | 12 | 1155 | 0 | 13 | 29 | 1 | 2.08 | - 1.50 | 1.04 | 31 | 16.3 | 14 | 4 | 3 | 2 | 1 |
| PATERSON | AM | 41.3 | 23.4 | 32.4 | - 7.5 | 71 | 29 | 11 | 11 | 1006 | 0 | 3 | 27 | 0 | 3.29 | - 1.17 | 1.86 | 4 | 24.4 | 21 | 4 | 6 | 2 | 1 |
| PHILLIPSBURG | | 42.1 | 21.7 | 31.9 | - 7.4 | 69 | 30+ | 6 | 7 | 1018 | 0 | 5 | 28 | 0 | 1.68 | - 2.56 | .51 | 31 | 14.0 | 14 | 4 | 5 | 1 | 0 |
| PLAINFIELD | | 43.0 | 23.8 | 33.4 | - 6.8 | 73 | 28 | 10 | 12 | 972 | 0 | 3 | 27 | 0 | 2.54 | - 1.75 | | | 19.0 | | | | | |
| RIOGROVE | | 42.2 | 24.3 | 33.3 | - 6.4 | 71 | 28 | 11 | 11 | 977 | 0 | 5 | 26 | 0 | 3.14 | - 1.37 | 1.20 | 3 | 19.4 | 16 | 4 | 5 | 2 | 1 |
| SOMERVILLE | | 41.1 | 22.2 | 31.7 | - 8.3 | 71 | 28 | 5 | 9 | 1027 | 0 | 7 | 27 | 0 | 2.03 | - 2.05 | .81 | 3 | 17.8 | 13 | 3 | 4 | 2 | 0 |
| SUSSEX 3 N | // | 37.0 | 16.1 | 26.6 | -11.3 | 62 | 31+ | 0 | 26+ | 1186 | 0 | 12 | 30 | 2 | 1.57 | - 2.06 | .95 | 31 | | 12 | 6+ | 4 | 1 | 0 |
| DIVISION | | | | 30.5 | - 8.5 | | | | | | | | | | 2.36 | - 1.83 | | | 20.5 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 40.1 | 24.4 | 32.3 | - 9.2 | 78 | 28 | 9 | 11 | 1009 | 0 | 9 | 25 | 0 | 3.67 | .32 | 1.08 | 3 | 13.4 | 7 | 5+ | 6 | 4 | 1 |
| AUDUBON | | 42.3 | 25.9 | 34.1 | | 80 | 28 | 15 | 11 | 948 | 0 | 6 | 26 | 0 | 1.81 | | .65 | 3 | 20.0 | 15 | 3 | 6 | 1 | 0 |
| BELLEPLAIN | | 42.2 | 23.8 | 33.0 | | 77 | 29+ | 1 | 7 | 983 | 0 | 7 | 25 | 0 | 4.08 | - .23 | | | 17.5 | | | 9 | | |
| BURLINGTON | | 43.1 | 25.9 | 34.5 | - 8.2 | 78 | 28 | 12 | 11 | 938 | 0 | 4 | 26 | 0 | 2.16 | - 2.35 | | | | | | 6 | | |
| CLAYTON | | 41.6 | 23.7 | 32.7 | | 80 | 28 | 5 | 7 | 995 | 0 | 7 | 25 | 0 | 2.21 | | .65 | 3 | 10.9 | 7 | 7+ | 6 | 3 | 0 |
| FREEHOLD | | 41.6 | 22.9 | 32.3 | - 8.1 | 76 | 28 | 6 | 11 | 1003 | 0 | 8 | 27 | 0 | 3.45 | - .75 | | | 12.8 | 10 | 5 | 6 | | |
| HAMMONTON 2 NNE | AM | 41.2 | 23.1 | 32.2 | -10.2 | 80 | 29 | 8 | 11 | 1009 | 0 | 7 | 26 | 0 | 2.52 | - 1.78 | .55 | 4 | | | | 8 | 3 | 0 |
| HIGHTSTOWN 1 N | | 41.2 | 23.5 | 32.4 | - 8.3 | 75 | 28 | 9 | 7 | 1002 | 0 | 6 | 27 | 0 | 1.37 | - 2.53 | .40 | 3 | 12.9 | 10 | 5 | 4 | 0 | 0 |
| INDIAN MILLS 2 W | | 41.1 | 22.5 | 31.8 | - 9.5 | 80 | 28 | 4 | 11 | 1022 | 0 | 8 | 27 | 0 | 2.74 | - 1.50 | .95 | 3 | 15.4 | 9 | 3 | 7 | 3 | 0 |
| LAURELTON 1 E | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | | 41.2 | 25.0 | 33.1 | | 79 | 29 | 9 | 7 | 982 | 0 | 6 | 26 | 0 | 2.38 | | .92 | 3 | | | | 5 | 1 | 0 |
| MOORESTOWN | | 40.7 | 24.9 | 32.8 | - 8.3 | 78 | 28 | 13 | 12+ | 993 | 0 | 8 | 25 | 0 | 1.29 | - 2.58 | .46 | 17 | 13.3 | 9 | 4 | 4 | 0 | 0 |
| NEW BRUNSWICK EXP STA | | 41.8 | 24.0 | 32.9 | - 7.7 | 73 | 28 | 10 | 11 | 989 | 0 | 6 | 26 | 0 | 1.65 | - 2.21 | .60 | 3 | 9.8 | 6 | 5+ | 3 | 1 | 0 |
| PEMBERTON 3 E | | 42.5 | 22.2 | 32.4 | - 9.9 | 79 | 28 | 4 | 7 | 1003 | 0 | 6 | 27 | 0 | 2.17 | - 1.56 | .89 | 3 | 11.5 | 9 | 5+ | 4 | 2 | 0 |
| SHILOH | | 41.9 | 24.9 | 33.4 | - 9.4 | 77 | 28 | 10 | 11 | 972 | 0 | 7 | 26 | 0 | | | | | | | | | | |
| TOMS RIVER | | 42.9 | 22.1 | 32.5 | | 76 | 28 | 5 | 11 | 1000 | 0 | 4 | 26 | 0 | 2.81 | | .87 | 3 | 13.0 | | | 3 | 3 | 0 |
| TRENTON WB CITY | R | 40.3 | 25.8 | 33.1 | - 8.2 | 75 | 28 | 14 | 11 | 983 | 0 | 10 | 26 | 0 | 1.85 | - 1.35 | .78 | 3 | 11.8 | 8 | 4 | 3 | 1 | 0 |
| TUCKERTON | | 42.2 | 22.4 | 32.3 | | 80 | 28 | 5 | 11 | 1009 | 0 | 6 | 26 | 0 | 3.15 | | .80 | 31+ | 14.0 | | | 7 | 3 | 0 |
| WOODSTOWN | | 43.2M | 24.2M | 33.7M | | 79 | 28 | 5 | 7 | 965 | 0 | 4 | 26 | 0 | 1.20 | | .45 | 3 | | | | 4 | 0 | 0 |
| DIVISION | | | | 32.9 | - 8.6 | | | | | | | | | | 2.38 | - 1.68 | | | 13.6 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 39.3 | 26.6 | 33.0 | - 8.5 | 71 | 28 | 13 | 11 | 988 | 0 | 8 | 24 | 0 | 2.07 | - 1.46 | .94 | 3 | | | | 6 | 1 | 0 |
| CAPE MAY 3 W | | 41.7M | 28.6M | 35.2M | | 75 | 28 | 16 | 7 | 919 | 0 | 5 | 22 | 0 | 2.04 | | .84 | 30 | | | | 4 | 1 | 0 |
| LONG BRANCH | R | 39.9 | 24.6 | 32.3 | - 7.9 | 75 | 28 | 10 | 11 | 1009 | 0 | 7 | 25 | 0 | 4.17 | - .12 | 1.38 | 31 | 22.7 | 18 | 5 | 6 | 3 | 2 |
| DIVISION | | | | 33.5 | - 7.2 | | | | | | | | | | 2.76 | - 1.10 | | | 22.7 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset | |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|--|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| ATLANTIC CITY WB AIRPORT | WNW | 23 | 15.4 | 37 | ENE | 3 | 73 | 78 | 55 | 64 | 6 | 5 | 2 | 3 | 1 | 0 | 17 | - | 5.7 | |
| ATLANTIC CITY | - | - | 14.4 | 36 | NW | 25+ | - | - | - | - | 0 | 4 | 5 | 1 | 0 | 0 | 10 | 61 | - | |
| LONG BRANCH | NW | 17 | 15.4 | 54 | NE | 3 | - | 70 | 600 | 63 | 5 | 4 | 3 | 1 | 2 | 0 | 15 | 65 | 6.0 | |
| NEWARK WB AIRPORT | NW | 20 | 12.5 | 38++ | WNW | 25 | 61 | 67 | 51 | 55 | 6 | 2 | 4 | 1 | 1 | 0 | 14 | - | 5.8 | |
| TRENTON WB CITY | - | - | 11.7 | 34 | S | 30 | - | - | - | - | 4 | 9 | 2 | 1 | 0 | 0 | 16 | 66 | 5.5 | |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

NEW JERSEY
MARCH 1960

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
MARCH 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|-----|--------------|----|----|----|----|----|-----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AR | MAX | 33 | 34 | 30 | 28 | 27 | 30 | 30 | 28 | 32 | 31 | 30 | 34 | 35 | 37 | 38 | 39 | 46 | 45 | 44 | 38 | 38 | 40 | 39 | 52 | 35 | 41 | 53 | 78 | 55 | 58 | 66 | 40.1 |
| | MIN | 23 | 21 | 19 | 19 | 19 | 16 | 12 | 12 | 12 | 19 | 9 | 13 | 18 | 19 | 21 | 17 | 35 | 34 | 28 | 30 | 26 | 26 | 25 | 32 | 22 | 20 | 25 | 47 | 43 | 44 | 50 | 24.4 |
| ATLANTIC CITY | MAX | 34 | 34 | 30 | 28 | 26 | 33 | 30 | 29 | 32 | 32 | 30 | 35 | 35 | 37 | 39 | 40 | 46 | 44 | 46 | 41 | 38 | 42 | 39 | 51 | 35 | 39 | 45 | 71 | 49 | 52 | 55 | 39.3 |
| | MIN | 24 | 22 | 20 | 20 | 20 | 19 | 18 | 16 | 15 | 20 | 13 | 18 | 20 | 22 | 23 | 26 | 36 | 34 | 31 | 32 | 28 | 28 | 26 | 35 | 27 | 27 | 29 | 43 | 42 | 45 | 47 | 26.6 |
| AUBURN | MAX | 35 | 35 | 29 | 29 | 30 | 33 | 30 | 30 | 33 | 35 | 32 | 36 | 36 | 39 | 40 | 40 | 41 | 48 | 45 | 37 | 40 | 41 | 40 | 52 | 42 | 41 | 57 | 80 | 68 | 67 | 71 | 42.3 |
| | MIN | 23 | 21 | 18 | 17 | 18 | 19 | 16 | 17 | 17 | 22 | 15 | 17 | 20 | 24 | 25 | 25 | 32 | 33 | 32 | 30 | 28 | 26 | 25 | 30 | 25 | 21 | 26 | 40 | 43 | 44 | 54 | 25.9 |
| BELLEPLAIN | MAX | 38 | 33 | 32 | 27 | 28 | 32 | 32 | 30 | 32 | 33 | 33 | 34 | 34 | 36 | 38 | 38 | 43 | 47 | 45 | 45 | 40 | 39 | 40 | 51 | 49 | 40 | 53 | 77 | 77 | 65 | 68 | 42.2 |
| | MIN | 22 | 19 | 23 | 18 | 19 | 17 | 1 | 13 | 11 | 23 | 7 | 11 | 17 | 20 | 16 | 15 | 33 | 35 | 30 | 27 | 24 | 24 | 25 | 27 | 26 | 26 | 28 | 43 | 45 | 43 | 51 | 23.8 |
| BELVIOERE | MAX | 32 | 34 | 30 | 30 | 30 | 35 | 29 | 31 | 35 | 36 | 34 | 38 | 35 | 40 | 42 | 40 | 37 | 44 | 42 | 45 | 43 | 36 | 39 | 47 | 41 | 39 | 54 | 70 | 66 | 63 | 70 | 41.5 |
| | MIN | 17 | 16 | 15 | 15 | 18 | 6 | - 2 | 11 | 4 | 15 | 7 | 2 | 11 | 12 | 15 | 14 | 30 | 29 | 29 | 20 | 22 | 23 | 21 | 24 | 20 | 15 | 20 | 34 | 32 | 42 | 54 | 19.1 |
| BOONTON 2 SE | MAX | 35 | 30 | 33 | 23 | 30 | 31 | 35 | 32 | 30 | 35 | 33 | 30 | 37 | 38 | 38 | 40 | 40 | 37 | 45 | 40 | 43 | 38 | 35 | 36 | 45 | 29 | 36 | 50 | 65 | 60 | 60 | 38.4 |
| | MIN | 20 | 18 | 18 | 15 | 20 | 19 | 15 | 17 | 9 | 17 | 11 | 13 | 17 | 22 | 19 | 18 | 25 | 31 | 31 | 22 | 26 | 23 | 22 | 24 | 22 | 15 | 20 | 32 | 34 | 40 | 41 | 21.8 |
| BURLINGTON | MAX | 35 | 37 | 33 | 30 | 30 | 33 | 32 | 32 | 34 | 35 | 34 | 36 | 36 | 39 | 38 | 42 | 40 | 47 | 44 | 41 | 41 | 41 | 40 | 53 | 47 | 40 | 57 | 78 | 70 | 71 | 70 | 43.1 |
| | MIN | 23 | 20 | 20 | 19 | 19 | 19 | 15 | 19 | 15 | 25 | 12 | 16 | 20 | 21 | 28 | 25 | 31 | 33 | 32 | 28 | 27 | 26 | 25 | 28 | 25 | 20 | 27 | 41 | 43 | 43 | 58 | 25.9 |
| CANOE BROOK | MAX | 35 | 31 | 34 | 26 | 30 | 33 | 36 | 31 | 30 | 34 | 34 | 30 | 36 | 39 | 38 | 41 | 40 | 37 | 46 | 42 | 44 | 39 | 37 | 37 | 48 | 29 | 39 | 56 | 67 | 59 | 64 | 39.4 |
| | MIN | 18 | 18 | 19 | 17 | 20 | 18 | 11 | 13 | 13 | 19 | 4 | 5 | 12 | 16 | 14 | 13 | 25 | 30 | 26 | 21 | 25 | 23 | 23 | 23 | 23 | 17 | 19 | 38 | 31 | 42 | 43 | 20.6 |
| CAPE MAY 3 W | MAX | 38 | 34 | 33 | 28 | 26 | | 30 | 30 | 30 | 34 | 33 | 34 | 35 | 35 | 37 | 38 | 45 | 45 | 46 | 44 | 39 | 52 | 42 | 50 | 49 | 43 | 49 | 75 | 69 | 57 | 52 | 41.7 |
| | MIN | 27 | 24 | 25 | 21 | 20 | | 16 | 22 | 22 | 24 | 18 | 17 | 23 | 28 | 29 | 27 | 36 | 35 | 34 | 36 | 30 | 29 | 30 | 29 | 29 | 25 | 30 | 40 | 44 | 45 | 42 | 28.6 |
| CHARLOTTEBURG | MAX | 33 | 24 | 30 | 20 | 27 | 30 | 32 | 28 | 28 | 33 | 31 | 28 | 35 | 34 | 37 | 39 | 39 | 37 | 49 | 40 | 42 | 34 | 35 | 34 | 44 | 25 | 34 | 52 | 65 | 57 | 59 | 36.6 |
| | MIN | 17 | 14 | 14 | 12 | 17 | 11 | 9 | 10 | 11 | 15 | 8 | 2 | 7 | 17 | 15 | 12 | 16 | 30 | 28 | 18 | 21 | 17 | 20 | 19 | 19 | 11 | 14 | 29 | 30 | 34 | 38 | 17.3 |
| CLAYTON | MAX | 34 | 34 | 33 | 27 | 26 | 31 | 26 | 28 | 29 | 32 | 34 | 34 | 36 | 41 | 40 | 40 | 43 | 47 | 46 | 40 | 39 | 40 | 35 | 51 | 43 | 39 | 56 | 80 | 72 | 68 | 67 | 41.6 |
| | MIN | 20 | 21 | 17 | 15 | 17 | 17 | 5 | 12 | 11 | 17 | 11 | 15 | 18 | 21 | 23 | 20 | 32 | 34 | 34 | 29 | 22 | 28 | 23 | 27 | 20 | 18 | 25 | 41 | 44 | 44 | 53 | 23.7 |
| ELIZABETH | MAX | 34 | 37 | 31 | 33 | 34 | 40 | 34 | 32 | 35 | 34 | 33 | 39 | 41 | 41 | 45 | 44 | 38 | 46 | 45 | 47 | 42 | 38 | 41 | 52 | 45 | 38 | 56 | 75 | 67 | 68 | 70 | 43.7 |
| | MIN | 19 | 17 | 21 | 11 | 19 | 16 | 11 | 15 | 12 | 21 | 9 | 11 | 16 | 22 | 20 | 22 | 31 | 30 | 27 | 24 | 25 | 27 | 21 | 24 | 21 | 17 | 22 | 42 | 40 | 40 | 51 | 27.5 |
| ESSEX FELS SERV BLOC | MAX | 35 | 36 | 35 | 30 | 28 | 28 | 37 | 35 | 35 | 34 | 31 | 33 | 34 | 33 | 36 | 37 | 37 | 39 | 40 | 42 | 47 | 37 | 35 | 38 | 42 | 35 | 40 | 47 | 60 | 57 | 61 | 38.5 |
| | MIN | 20 | 18 | 16 | 19 | 20 | 19 | 16 | 18 | 12 | 16 | 10 | 14 | 18 | 20 | 24 | 17 | 32 | 32 | 29 | 20 | 24 | 20 | 25 | 28 | 16 | 17 | 20 | 35 | 38 | 40 | 41 | 22.4 |
| FLEMINGTON 1 NE | MAX | 33 | 34 | 32 | 28 | 28 | 34 | 29 | 29 | 35 | 35 | 33 | 34 | 37 | 37 | 40 | 41 | 38 | 48 | 43 | 43 | 40 | 36 | 36 | 49 | 43 | 35 | 56 | 72 | 68 | 65 | 70 | 41.3 |
| | MIN | 17 | 16 | 15 | 18 | 18 | 16 | 1 | 12 | 7 | 18 | 7 | 11 | 16 | 16 | 13 | 13 | 30 | 30 | 31 | 19 | 25 | 24 | 21 | 21 | 19 | 19 | 15 | 32 | 35 | 39 | 58 | 20.4 |
| FREEHOLD | MAX | 32 | 34 | 29 | 30 | 29 | 35 | 31 | 31 | 35 | 37 | 31 | 35 | 36 | 37 | 41 | 40 | 39 | 43 | 45 | 41 | 39 | 38 | 38 | 52 | 45 | 38 | 55 | 76 | 66 | 67 | 71 | 41.6 |
| | MIN | 19 | 18 | 20 | 17 | 17 | 15 | 8 | 13 | 10 | 23 | 6 | 8 | 15 | 22 | 18 | 21 | 32 | 30 | 29 | 26 | 25 | 25 | 22 | 27 | 23 | 18 | 28 | 41 | 41 | 40 | 54 | 22.9 |
| HAMMONTON 2 NNE | MAX | 40 | 33 | 34 | 29 | 29 | 28 | 33 | 32 | 29 | 33 | 32 | 32 | 34 | 34 | 38 | 38 | 46 | 43 | 47 | 46 | 34 | 40 | 42 | 40 | 52 | 36 | 40 | 60 | 80 | 72 | 70 | 41.2 |
| | MIN | 22 | 20 | 23 | 18 | 18 | 17 | 9 | 11 | 10 | 18 | 8 | 11 | 17 | 20 | 20 | 19 | 27 | 33 | 29 | 29 | 20 | 25 | 25 | 27 | 25 | 19 | 27 | 39 | 42 | 43 | 44 | 23.1 |
| HIGH POINT PARK | MAX | 28 | 24 | 27 | 17 | 22 | 31 | 30 | 24 | 24 | 31 | 30 | 28 | 34 | 33 | 34 | 31 | 32 | 31 | 48 | 37 | 40 | 31 | 33 | 32 | 42 | 26 | 32 | 51 | 59 | 53 | 55 | 33.9 |
| | MIN | 7 | 15 | 7 | 6 | 10 | 6 | 2 | 4 | 0 | 10 | - 2 | 2 | 6 | 10 | 8 | 16 | 21 | 24 | 18 | 17 | 15 | 12 | 11 | 16 | 10 | 4 | 13 | 25 | 31 | 33 | 40 | 12.8 |
| HIGHTSTOWN 1 N | MAX | 33 | 34 | 32 | 28 | 30 | 33 | 30 | 28 | 33 | 33 | 32 | 35 | 35 | 36 | 39 | 39 | 39 | 44 | 41 | 43 | 39 | 38 | 37 | 50 | 45 | 38 | 55 | 75 | 64 | 68 | 71 | 41.2 |
| | MIN | 20 | 19 | 19 | 18 | 18 | 15 | 9 | 14 | 10 | 23 | 10 | 10 | 17 | 21 | 19 | 20 | 32 | 32 | 30 | 26 | 26 | 25 | 24 | 27 | 23 | 19 | 25 | 41 | 41 | 41 | 56 | 23.5 |
| INDIAN MILLS 2 W | MAX | 33 | 33 | 27 | 28 | 27 | 32 | 30 | 29 | 32 | 33 | 30 | 34 | 35 | 36 | 38 | 40 | 42 | 46 | 43 | 38 | 37 | 40 | 38 | 52 | 43 | 40 | 56 | 80 | 65 | 67 | 69 | 41.1 |
| | MIN | 21 | 19 | 20 | 18 | 18 | 17 | 6 | 11 | 12 | 23 | 4 | 10 | 15 | 21 | 14 | 14 | 32 | 31 | 28 | 24 | 22 | 23 | 25 | 25 | 24 | 17 | 23 | 43 | 41 | 43 | 54 | 22.5 |
| JERSEY CITY | MAX | 30 | 34 | 25 | 30 | 31 | 35 | 31 | 30 | 32 | 30 | 30 | 35 | 37 | 37 | 40 | 37 | 35 | 44 | 40 | 42 | 38 | 35 | 38 | 48 | 38 | 35 | 53 | 69 | 53 | 57 | 60 | 39.0 |
| | MIN | 20 | 19 | 16 | 18 | 21 | 20 | 16 | 16 | 15 | 16 | 12 | 16 | 19 | 24 | 22 | 26 | 32 | 33 | 31 | 32 | 28 | 25 | 21 | 30 | 20 | 20 | 30 | 43 | 41 | 40 | 49 | 24.9 |
| LAMBERTVILLE | MAX | 34 | 35 | 31 | 31 | 31 | 35 | 30 | 31 | 33 | 35 | 32 | 36 | 37 | 38 | 40 | 42 | 37 | 47 | 42 | 41 | 39 | 38 | 37 | 49 | 42 | 41 | 56 | 73 | 65 | 65 | 68 | 41.7 |
| | MIN | 21 | 20 | 17 | 18 | 18 | 11 | 5 | 15 | 9 | 23 | 12 | 7 | 16 | 21 | 15 | 17 | 36 | 33 | 32 | 24 | 25 | 26 | 25 | 26 | 23 | 18 | 22 | 35 | 38 | 41 | 57 | 22.8 |
| LAURELTON 1 E | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
MARCH 1960

| Station | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|-----------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| SOMERVILLE | MAX | 32 | 34 | 29 | 30 | 32 | 35 | 30 | 30 | 33 | 35 | 32 | 37 | 38 | 38 | 41 | 41 | 37 | 46 | 41 | 42 | 39 | 37 | 37 | 49 | 42 | 38 | 56 | 71 | 59 | 65 | 69 | 41.1 |
| | MIN | 19 | 18 | 17 | 18 | 19 | 15 | 10 | 15 | 5 | 22 | 9 | 9 | 16 | 20 | 17 | 19 | 32 | 31 | 28 | 22 | 25 | 25 | 22 | 25 | 23 | 16 | 19 | 37 | 38 | 40 | 57 | 22.2 |
| SUSSEX 3 N | MAX | 32 | 28 | 30 | 20 | 22 | 30 | 32 | 32 | 27 | 34 | 29 | 29 | 36 | 35 | 36 | 38 | 39 | 35 | 47 | 44 | 42 | 35 | 36 | 35 | 44 | 22 | 40 | 52 | 62 | 61 | 62 | 37.0 |
| | MIN | 15 | 14 | 15 | 12 | 10 | 15 | 10 | 11 | 5 | 10 | 1 | 0 | 4 | 19 | 14 | 13 | 20 | 29 | 29 | 18 | 23 | 18 | 19 | 17 | 18 | 0 | 13 | 28 | 30 | 32 | 38 | 16.1 |
| TOMS RIVER | MAX | 35 | 36 | 31 | 33 | 32 | 37 | 32 | 32 | 35 | 35 | 34 | 39 | 38 | 39 | 41 | 41 | 42 | 46 | 46 | 38 | 40 | 41 | 39 | 53 | 47 | 38 | 50 | 76 | 67 | 65 | 72 | 42.9 |
| | MIN | 19 | 18 | 24 | 22 | 18 | 15 | 6 | 10 | 9 | 24 | 5 | 8 | 17 | 22 | 16 | 14 | 33 | 30 | 32 | 29 | 22 | 21 | 24 | 24 | 25 | 15 | 20 | 34 | 35 | 42 | 52 | 22.1 |
| TRENTON W8 CITY | MAX | 32 | 33 | 27 | 29 | 29 | 32 | 28 | 29 | 31 | 33 | 31 | 35 | 36 | 37 | 39 | 39 | 39 | 45 | 41 | 42 | 37 | 38 | 36 | 50 | 32 | 39 | 56 | 75 | 60 | 68 | 70 | 40.3 |
| | MIN | 22 | 20 | 18 | 19 | 18 | 18 | 16 | 17 | 15 | 16 | 14 | 16 | 20 | 23 | 23 | 27 | 32 | 35 | 32 | 31 | 28 | 26 | 25 | 31 | 23 | 21 | 31 | 44 | 42 | 42 | 56 | 25.8 |
| TUCKERTON | MAX | 34 | 36 | 30 | 30 | 30 | 35 | 32 | 32 | 36 | 35 | 32 | 37 | 37 | 40 | 41 | 40 | 45 | 45 | 46 | 42 | 40 | 40 | 40 | 53 | 50 | 40 | 50 | 80 | 62 | 56 | 62 | 42.2 |
| | MIN | 22 | 18 | 20 | 16 | 15 | 15 | 10 | 11 | 10 | 23 | 5 | 11 | 16 | 20 | 16 | 14 | 34 | 31 | 30 | 25 | 23 | 25 | 24 | 27 | 22 | 17 | 21 | 40 | 42 | 42 | 48 | 22.4 |
| WOODSTOWN | MAX | 35 | 35 | 34 | 29 | 29 | 34 | 32 | 31 | 33 | 35 | 35 | 35 | 35 | 38 | 40 | 40 | 43 | 48 | 46 | 42 | 40 | 41 | 41 | 52 | 48 | | 57 | 79 | 74 | 65 | 69 | 43.2 |
| | MIN | 23 | 20 | 20 | 18 | 20 | 18 | 5 | 15 | 13 | 21 | 12 | 15 | 17 | 21 | 20 | 19 | 32 | 34 | 30 | 28 | 28 | 25 | 25 | 26 | | 20 | 24 | 35 | 44 | 44 | 55 | 24.2 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 29 | 30 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 33 | 35 | 33 | 31 | 31 | 39 | 33 | 31 | 39 | 49 | 49 | 49 | 55 | 33.9 | |
| | MIN | 27 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 30 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 36 | 40 | 43 | 49 | 31.6 |
| 2 INCHES | MAX | 30 | 30 | 31 | 31 | 30 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 33 | 34 | 35 | 34 | 32 | 32 | 37 | 33 | 31 | 38 | 46 | 45 | 47 | 53 | 33.8 |
| | MIN | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 32 | 31 | 32 | 31 | 31 | 31 | 32 | 31 | 31 | 36 | 40 | 42 | 48 | 31.8 |
| 4 INCHES | MAX | 30 | 32 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 32 | 33 | 34 | 33 | 32 | 32 | 36 | 32 | 31 | 37 | 46 | 45 | 47 | 53 | 33.6 |
| | MIN | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 32 | 31 | 31 | 31 | 32 | 31 | 31 | 36 | 40 | 42 | 47 | 31.8 |
| 8 INCHES | MAX | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 34 | 35 | 35 | 35 | 34 | 34 | 36 | 34 | 33 | 36 | 42 | 43 | 45 | 49 | 34.4 |
| | MIN | 30 | 32 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 32 | 33 | 33 | 33 | 32 | 32 | 32 | 33 | 32 | 32 | 36 | 40 | 40 | 45 | 32.8 |
| 12 INCHES | MAX | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 35 | 34 | 34 | 33 | 35 | 34 | 34 | 35 | 39 | 40 | 41 | 46 | 34.4 |
| | MIN | 31 | 33 | 33 | 33 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 35 | 39 | 40 | 41 | 33.2 | |
| 16 INCHES | MAX | 33 | 34 | 34 | 34 | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 34 | 35 | 35 | 35 | 34 | 35 | 35 | 34 | 35 | 38 | 41 | 44 | 44 | 34.6 | |
| | MIN | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 33 | 33 | 33 | 33 | 34 | 34 | 33 | 33 | 34 | 34 | 33 | 35 | 38 | 40 | 41 | 32.6 | |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Elektronik Potentiometer.

SNOWFALL AND SNOW ON GROUND

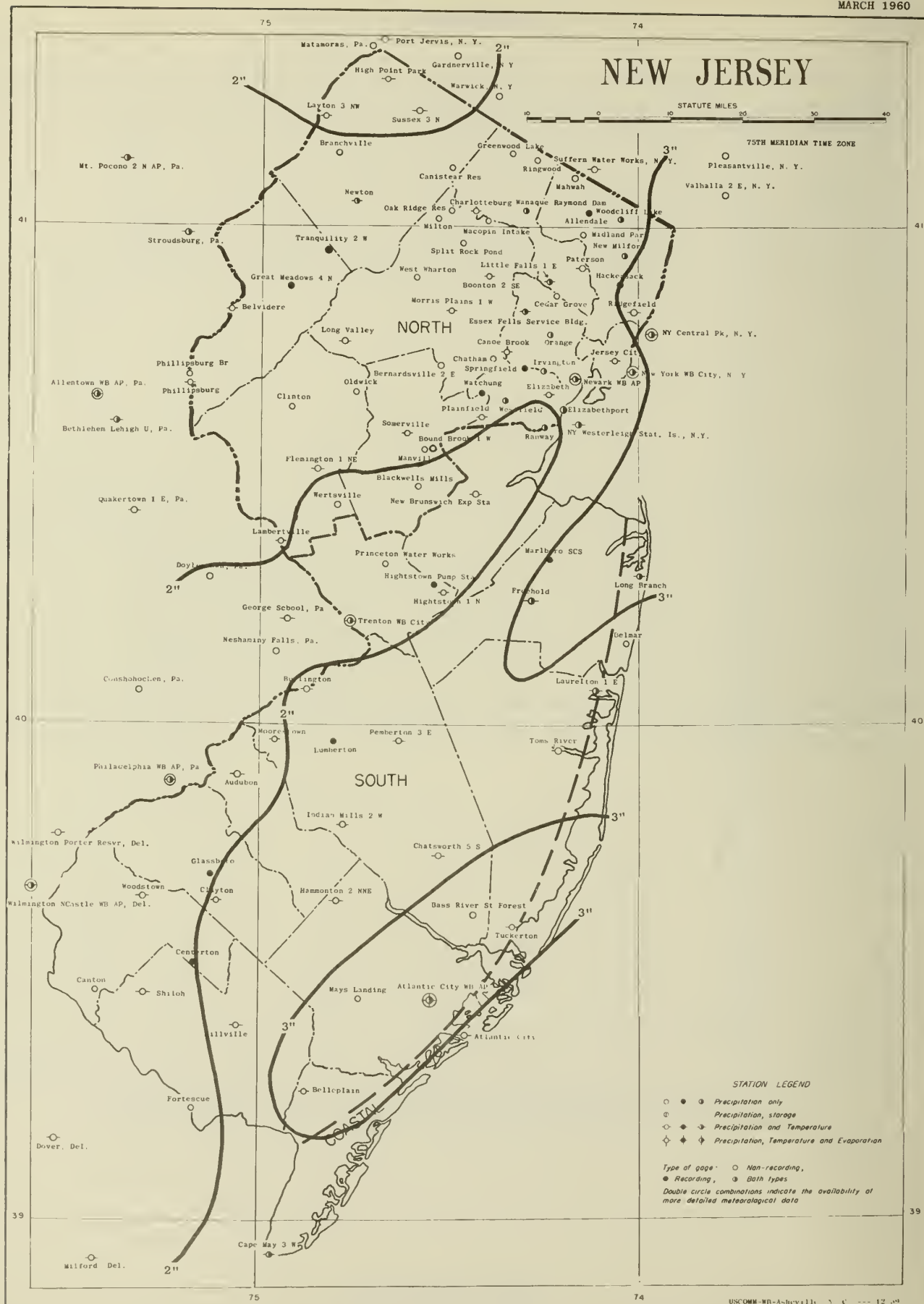
NEW JERSEY
MARCH 1960

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|---|------------|------------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|---------|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | T | | 9.2 2 | .4 7 | .3 7 | | .3 6 | | 4 4 | 3 4 | 2.0 3 | 3 3 | 2 2 | 1 1 | | T T | | T T | T T | .2 T | | 1.0 T | | T T | T T | | | | | | |
| ATLANTIC CITY | SNOWFALL SN DN GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BASS RIVER ST FOREST | SNOWFALL SN ON GND | - | - | * | 10.0 | | | | | | 1.0 | | | | | | | | | | | | | | | | | | | | | |
| SELVIDERE | SNOWFALL SN ON GND | | | 18.0 18 | 1.0 17 | T 14 | | T 12 | 11 9 | 8 8 | 6 6 | S S | 4 4 | 2 1 | 1 1 | 1 1 | 1.0 1 | T T | T T | T T | T T | | .S T | T T | T T | T T | | | | | | |
| CHARLOTTEBURG | SNOWFALL SN DN GND | T | T | T 19 | 19.5 21 | 2.0 21 | | 2D 19 | 17 17 | 16 16 | 1S 1S | 14 14 | 13 13 | 13 12 | 10 10 | 9 9 | 3.0 6 | 10 8 | 8 7 | 7 S | S 5 | 1.5 7 | 6 S | S S | 4 4 | 2 2 | | | | | | |
| CLAYTON | SNOWFALL SN ON GND | | | 6.4 6 | 6 7 | 2.0 7 | | T 7 | T 7 | 6 6 | 1.S 6 | 6 6 | 3 3 | 3 T | T T | | | T T | | T T | T T | | 1.0 T | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN DN GND | T | T | 16.3 17 | 2.D 18 | .S 18 | | 16 16 | 1S 1S | 13 13 | 12 12 | 12 10 | 9 9 | 7 7 | 6 4 | 4 6 | 3 3 | T 2 | 1 1 | T T | 2.0 1 | T T | T T | T T | T T | | | | | | | |
| FREEHOLD | SNOWFALL SN ON GND | | | 7.0 7 | 1.5 9 | 1.S 1D | | .2 8 | 7 7 | 6 6 | 6 6 | S S | 4 4 | 3 3 | 2 2 | T T | T T | T T | T T | T T | T T | 1.8 T | T T | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL SN DN GND | T | T | 7.S 7 | 1.5 9 | 1.S 10 | | 9 9 | 9 9 | .2 9 | 8 8 | 7 6 | S S | 4 4 | 2 1 | 1.0 1 | T T | T T | T T | T T | 1.2 T | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL SN DN GND | T | | 9.0 9 | 1.0 7 | 1.3 7 | | .6 6 | T S | 1.3 S | 4 4 | 3 3 | 3 2 | 1 1 | T T | T T | T T | 1.5 1 | T T | .7 T | | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL SN ON GND | T | T | 9.0 9 | 5.0 14 | T 12 | | T 10 | 9 9 | 8 8 | 6 6 | 6 6 | S S | 4 4 | 3 3 | 2 1 | 1.0 1 | T T | T T | T T | T T | 1.0 T | | | | | | | | | | |
| LAYTON 3 NW | SNOWFALL SN ON GND | - | - | 11.0 14 | 3.S 16 | 3 16 | | 1S 1S | 1S 1S | 14 14 | 14 14 | 10 8 | 8 7 | 6 6 | 4 4 | 5 3 | 3 3 | 2 2 | | | 2.S - | - | - | - | 1 1 | | | | | | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | T | T | 1.S 2 | 1S 17 | .5 17 | | .1 1S | 13 13 | .3 11 | 11 11 | 10 9 | 8 7 | 6 6 | S S | 4 4 | 6 6 | 4 4 | 1 2 | 1 2 | 1.0 2 | 2.0 2 | 2 2 | 1 1 | T T | .1 T | | | | | | |
| LONG BRANCH | SNOWFALL SN ON GND | T | T | 13.0 12 | 5.0 17 | 1.0 18 | | .3 17 | .2 14 | T 12 | 10 9 | 8 8 | 6 4 | 3 3 | 2 2 | 1 1 | .2 1 | T T | T T | T T | T T | 3.0 2 | T T | T T | T T | | | | | | | |
| LONG VALLEY | SNOWFALL SN ON GND | - | - | 14.0 - | 6.0 - | 2.0 - | | - | - | - | - | - | - | - | - | - | - | 3.0 - | - | - | - | - | 2.0 - | - | - | - | - | - | - | - | - | - |
| MAYS LANDING | SNOWFALL SN ON GND | | | * | 9.0 - | 2.0 7 | | .3 - | .S - | 2.0 5 | | | | | | | | T T | T T | 1.0 1 | 1.0 1 | | | | | | | | | | | |
| MILLVILLE | SNOWFALL SN ON GND | | | 7.8 - | - | .S - | | .8 - | - | 3.0 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MOORESTOWN | SNOWFALL SN DN GND | .3 T | | 3.0 3 | 6.0 9 | 8 8 | 7 7 | 4 4 | 3 3 | 3 3 | 2 2 | 1 1 | T T | T T | T T | | 2.0 1 | | | | 1.0 1 | T T | | | | | | | | | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | | | .S 1 | 14.6 1S | T - | | - | .1 - | - | - | - | - | - | - | - | - | 3.0 3 | - | T T | | T T | 1.0 1 | T T | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | 12.5 T | 1.4 14 | T 13 | | .1 12 | T 9 | 6 7 | T 6 | S S | 4 4 | 3 3 | 2 2 | T T | T T | 2.0 2 | T T | T T | 2.9 T | 2 2 | T T | .1 T | | | | | | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | | 6.0 6 | 1.0 6 | 1.0 6 | | S 4 | 4 4 | 3 3 | 3 3 | 2 2 | 2 2 | 2 2 | 1 1 | T T | T T | .8 T | T T | | | 1.0 T | | | | | | | | | | |
| NEWTON | SNOWFALL SN ON GND | T | T | T T | 14.0 14 | T 13 | | T 11 | 8 8 | 7 7 | 6 6 | S S | S S | 4 4 | 4 4 | 3 3 | 1.5 4 | 4 3 | T T | T T | T T | .8 T | T T | T T | | | | | | | | |
| PATERSON | SNOWFALL SN ON GND | T | | T 21 | 21.0 21 | | 18 18 | 14 12 | .2 8 | - | - | - | - | - | - | - | | | 2.0 T | | | .3 T | .9 T | | | | | | | | | |
| PEMBERTON 3 E | SNOWFALL SN ON GND | T | | 8.7 9 | T 9 | 1.0 9 | | T 8 | .3 7 | .S 6 | 5 5 | 4 4 | 3 3 | 2 2 | 1 1 | T T | | | | T T | 1.0 T | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL SN DN GND | | | 8.0 8 | 6.0 14 | T 13 | | 11 8 | 8 7 | 4 4 | 2 2 | T T | T T | | | | | T T | | | | T T | | | | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | | | * | 14.S - | T 12 | | 10 10 | 7 7 | .2 S | S 4 | 4 4 | 3 3 | 2 2 | 1 1 | | T T | 2.S - | | T T | | 1.8 T | T T | | | | | | | | | |
| RAHWAY | SNOWFALL SN ON GND | | | 14.3 14 | 1.3 1S | T 12 | | T 10 | 9 9 | 7 7 | S S | 2 2 | 1 1 | T T | | | T T | | | | | 1.4 1 | T T | | | | | | | | | |
| RIDGEFIELD | SNOWFALL SN ON GND | | | 13.0 13 | 3.0 16 | .1 14 | | T 9 | T 8 | 7 7 | 6 6 | S S | 3 3 | 1 1 | T T | T T | 2.0 2 | T T | T T | | | 1.D 1 | T T | | | | | | | | | |
| SDMERVILLE | SNOWFALL SN DN GND | | | 12.8 13 | 1.0 9 | 8 8 | 7 7 | 6 6 | - | - | - | - | - | - | - | - | | 2.0 1 | | | | 1.S T | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | .1 T | T | 7.9 1 | .S 8 | .2 7 | | .3 S | 3 3 | 2 2 | T 2 | 1 1 | 1 1 | 1 1 | T T | T T | .S 1 | 1.5 1 | | T T | T T | .7 1 | T T | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | - | - | T - | 17.0 - | | | - | - | - | - | - | - | - | - | - | - | 3.S - | - | - | - | - | 1.0 - | 4.5 - | - | - | - | - | - | - | - | - |

NOTE: Prior to March 12, 1960 some observers at stations labeled WB adjusted the observed water equivalent value to be consistent with that reported for the previous observation and intervening snowfall. On March 12 a general instruction was issued requesting that each water equivalent observation be recorded as measured.

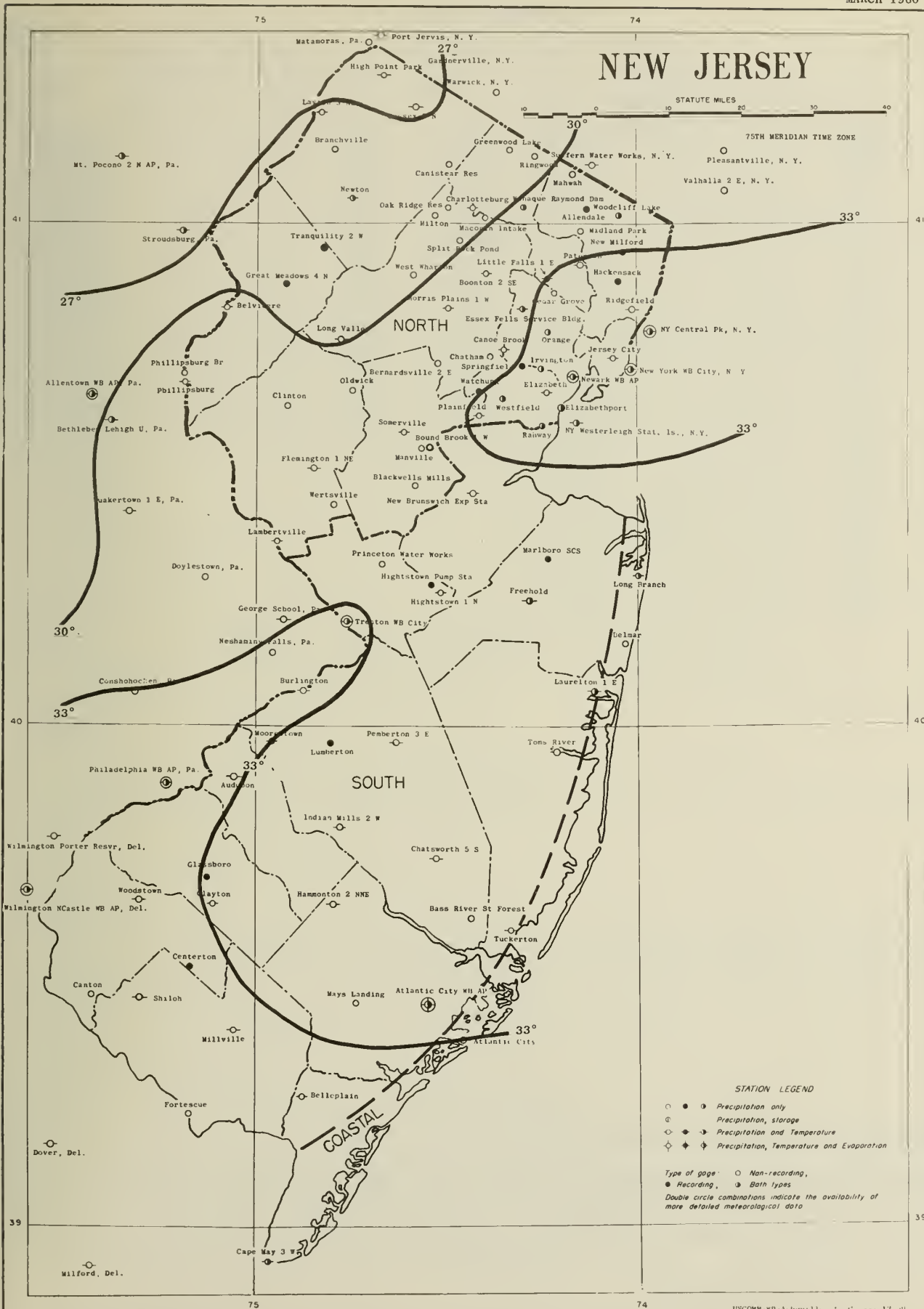
TOTAL PRECIPITATION

NEW JERSEY
MARCH 1960



AVERAGE TEMPERATURE

NEW JERSEY
MARCH 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
MARCH 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | | |
|-------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------|-------------------------------|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|--------------------------|-------------------------|------------------------|--------------------|--|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | |
| ALLENDALE | 0100 | BERGEN | 8 41 02 | 74 08 | 270 | | | | | | BERGEN COUNTY ENGINEERS | MILLVILLE | 5576 | CUMBERLAND | 6 39 24 | 75 03 | 60 | 8A | MID | | C | H. J. J. GALLAHER | | | | |
| ATLANTIC CITY W. R. AP | 0111 | ATLANTIC | 1 39 27 | 74 35 | 58 | MID | MID | 7P | C | H. J. | U.S. WEATHER BUREAU | MILTON | 5597 | MORRIS | 8 41 01 | 74 32 | 950 | TA | | | C | Jersey CITY WATER WKS. | | | | |
| ATLANTIC CITY | 0326 | ATLANTIC | 1 39 23 | 74 26 | 10 | MID | MID | | | H | STATE MARINA | MOORESTOWN | 5728 | BURLINGTON | 2 39 58 | 74 58 | 55 | MID | 8A | | H | H. J. WILLARD | | | | |
| AUDUBON | 036A | CAMDEN | 2 39 54 | 75 04 | 50 | 11P | | | | H | IRVING J. NYGREN | MORRIS PLAINS | 5769 | MORRIS | 8 40 50 | 74 30 | 500 | 8A | 8A | | H | H. JAMES C. LONG | | | | |
| BASS RIVER ST. FOREST | 0528 | BURLINGTON | 1 39 57 | 74 26 | 20 | | | 6P | | H | N.J. FORESTRY SERVICE | NEWARK WB AIRPORT | 6026 | ESSEX | 1 40 42 | 74 10 | 11 | MID | MID | | C | HJ. U.S. WEATHER BUREAU | | | | |
| BELLERPLAIN | 0690 | CAPE MAY | 1 39 16 | 74 52 | 49 | 5P | | | | | MRS. ED. C. HOFFMAN | NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 40 28 | 74 26 | 86 | 5P | 5P | | GH | ARTHUR H. AHLQUIST | | | | |
| BEHAR | 0721 | MONMOUTH | 1 40 10 | 74 02 | 19 | | | 8A | | | RELMAR WATER WORKS | NEW MILFORD | 6146 | BERGEN | 4 40 57 | 74 02 | 12 | MID | | | C | HACKENSACK WATER CO. | | | | |
| BELVIDERE | 0729 | WARREN | 2 40 40 | 75 05 | 275 | 5P | | | | | CLEMENT HAUT | NEWTON | 6177 | SUSSEX | 2 41 03 | 74 45 | 565 | 8A | 8A | | C | NEWTON WTR. & SWP. COMM. | | | | |
| BERNARDSVILLE 2 F | 0707 | SOMERSET | 8 40 43 | 74 32 | 240 | TA | | | | | BERNARDS WATER COMPANY | OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 41 02 | 74 30 | 870 | | 8A | | | NEWARK WATER DEPT. | | | | |
| BLACKWELLS HILLS | 0847 | SOMERSET | 10 40 29 | 74 15 | 27 | 7A | | | | | HENRY W. MILLER | OLMICK | 6564 | HUNTERDON | 10 40 40 | 74 45 | 260 | | 8A | | | OWEN A. COUGHLIN | | | | |
| BONDIEN 2 SE | 0907 | MORRIS | 8 40 54 | 74 26 | 280 | 8A | | | | | JERSEY CITY WATER WORKS | ORANGE | 6568 | ESSEX | 8 40 47 | 74 14 | 140 | MID | | | C | COUNTY ENGINEER | | | | |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMIDE CO. | PATERSON | 6775 | PASSAIC | 8 40 55 | 74 09 | 100 | 8A | 8A | | | H | P. J. DEL VECCHIO | | | |
| BRANCHVILLE | 0978 | SUSSEX | 4 41 00 | 74 45 | 580 | 7A | | | | | ALBERT M. DAVENPORT | PEMBERTON 3 E | 6843 | BURLINGTON | 2 39 48 | 74 38 | 60 | 5P | 5P | | | H | PHILIP E. MARUCCI | | | |
| BURLINGTON | 1211 | BURLINGTON | 2 40 04 | 74 53 | 12 | 6P | | | | | PUBLIC SVC. E. & C. CO. | PHILLIPSBURG | 6974 | WARREN | 2 40 41 | 75 12 | 182 | 3P | 3P | | | H | SEWAGE DISPOSAL PLANT | | | |
| CANISTEAD RESERVOIR | 1327 | SUSSEX | 8 41 07 | 74 10 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 40 42 | 75 12 | 194 | 9A | | | | C | JOINT TOLL BRIDGE COMM. | | | |
| CANOE BROOK | 1375 | ESSEX | 8 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. | PLAINFIELD | 7079 | UNION | 10 40 36 | 74 25 | 120 | 8P | 8P | | | H | MRS. VIVIAN SCHEPPE | | | |
| CANTON | 1343 | SALEM | 2 39 28 | 75 25 | 20 | 9A | | | | | GERTRUDE S. WILLIS | PRINCETON WATER WORKS | 7320 | MERCER | 10 40 19 | 74 40 | 90 | MID | | | | C | PRINCETON WATER CO. | | | |
| CAPE MAY 1 W | 1351 | CAPE MAY | 1 38 46 | 74 57 | 17 | 5P | | | | | N. WEST MAGNESITE CO. | RAHWAY | 7393 | UNION | 9 40 36 | 74 15 | 20 | MID | | | | C | RAHWAY VLY. SWG. AUTH. | | | |
| CEAR CRUIT | 1472 | ESSEX | 8 40 52 | 74 13 | 400 | 8A | | | | | J. A. PLUMETT | RIDGEFIELD | 7545 | BERGEN | 4 40 50 | 74 01 | 80 | MID | | | | H | GEORGE P. KRISTEN | | | |
| CENTERTON | 1412 | SALEM | 6 39 31 | 75 10 | 00 | | | | | | C. JOHN HOPKINS UNIT | RINGWOOD | 7587 | PASSAIC | 8 41 08 | 74 16 | 305 | 10A | | | | C | NO. JERSEY WTR. SUPPLY | | | |
| CHARLOTTEBURG | 1482 | PASSAIC | 8 41 03 | 74 26 | 740 | 7A | TA | | | | H. NEWARK WATER DEPT. | SHILOH | 8051 | CUMBERLAND | 2 39 28 | 75 18 | 120 | 5P | 5P | | | C | EVERETT DICKINSON | | | |
| CHATHAM | 1490 | MORRIS | 8 40 44 | 74 23 | 185 | 8A | | | | | EDWARD D. HOLTER | SOMERSET | 8194 | SOMERSET | 10 40 34 | 74 37 | 15 | 6P | 6P | | | H | W. E. E. HAVER | | | |
| CHATSORTH 5 S | 1498 | BURLINGTON | 1 39 44 | 74 32 | 90 | 5P | 5P | | | | INACTIVE 5/58 | SPLIT ROCK POND | 8402 | MORRIS | 8 40 58 | 74 28 | 400 | | | | | C | Jersey CITY D. P. W. | | | |
| CLAYTON | 1708 | GLoucester | 6 39 39 | 75 06 | 120 | 4P | 6P | | | | H. HARRY D. CAMPBELL | SUNFIELD | 8423 | UNION | 1 40 43 | 74 18 | - | | | | | C | N. J. DEPT. OF COM. | | | |
| CLINTON | 1749 | HUNTERDON | 10 40 14 | 74 45 | 900 | 6P | | | | | L. W. KLOCKNER | SUSSEX 3 N | 8644 | SUSSEX | 5 41 14 | 74 35 | 530 | 7A | 7A | | | C | BRICE R. STANTON | | | |
| ELIZABETH | 2644 | UNION | 1 40 40 | 74 14 | 33 | 5P | | | | | UNION CO. PARK COMM. | TOMS RIVER | 8816 | OCEAN | 1 39 57 | 74 13 | 10 | 6P | 6P | | | | C | TOMS RIVER WATER CO. | | |
| ELIZABETHPORT | 2652 | UNION | 8 40 38 | 74 12 | 10 | MID | | | | | SEWAGE TREATMENT PLANT | TRANQUILITY 2 W | 8858 | WARREN | 2 40 57 | 74 50 | 551 | | | | | | C | H. J. ERVEY | | |
| ESSEX FELS. SERV. BLDG. | 2768 | ESSEX | 8 40 50 | 74 18 | 250 | 8A | | | | | BOROUGH ESSEX FELS. | TRENTON W. CITY | 8483 | MERCER | 2 40 13 | 74 46 | 56 | MID | MID | | | C | HJ. U.S. WEATHER BUREAU | | | |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 40 31 | 74 51 | 134 | 5P | | | | | H. DONALD YOUNG | TUCKERTON | 8490 | OCEAN | 1 39 36 | 74 20 | 10 | 6P | 6P | | | | C | REV. EDWARD O. MEGILL | | |
| FORTESCUE | 3102 | CUMBERLAND | 2 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOBER | WANAGO RAYMOND DAM | 9187 | PASSAIC | 4 41 03 | 74 18 | 320 | 8A | | | C | WATER SUPPLY COMM. | | | | |
| FREEMOLD | 3141 | MONMOUTH | 10 40 15 | 74 17 | 194 | 6P | | | | | C. H. FRANK J. MOREAU | WATCHUNG | 9271 | UNION | 8 40 40 | 74 25 | - | | | | | | C | BONNIE BURN SANITARIUM | | |
| GLASSBORO | 3291 | GLoucester | 2 38 42 | 75 07 | 140 | | | | | | C. PROF. J. R. SANDREY | WESTFIELD | 9363 | HUNTERDON | 10 40 27 | 74 48 | 160 | 7A | | | | | | C | ROBERT M. MANNERS | |
| GREAT MEADOWS & N | 3416 | WARREN | 2 40 46 | 74 45 | 540 | | | | | | GAMMA CHEMICAL CORP. | WESTFIELD | 9455 | UNION | 9 40 39 | 74 21 | 138 | 5P | | | | | C | CITY ENGINEER | | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 41 09 | 74 20 | 660 | TA | | | | | GEORGE T. WIGGINS | WEST WHARTON | 9608 | MORRIS | 8 40 54 | 74 36 | 680 | | | | | | C | N.J. POWER & LIGHT CO. | | |
| HACKENSACK | 3572 | BERGEN | 4 40 53 | 74 03 | 10 | | | | | | C. BERGEN COUNTY ENGINEERS | WOODCLIFF LAKE | 9832 | BERGEN | 4 41 01 | 74 03 | 103 | MID | | | | | C | HACKENSACK WATER CO. | | |
| HACKENSACK 2 NNE | 3662 | ATLANTIC | 1 39 30 | 74 48 | 95 | 8A | 8A | | | | W. HURRARD PARKHURST | WOODSTOWN | 9910 | SALEM | 2 39 39 | 75 19 | 50 | 5P | 5P | | | | | C | CREAM VALLEY DAIRY | |
| HIGH POINT PARK | 3941 | SUSSEX | 2 41 18 | 74 40 | 1776 | 8A | 8A | | | | N. J. DEPT. OF COM. | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 40 14 | 74 31 | 100 | 8P | 8P | | | | H. JAMES R. PICKERING | | | | | | | | | | | | | | | |
| HIGHTSTOWN PUMPING STA | 3954 | MERCER | 10 40 17 | 74 32 | 75 | | | | | | C. DEPT. WATER & SEWAGE | | | | | | | | | | | | | | | |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 39 48 | 74 47 | 100 | TP | TP | | | | H. EDWARD ENWISTLE | | | | | | | | | | | | | | | |
| IRVINGTON | 4260 | ESSEX | 1 40 45 | 74 15 | 120 | MID | | | | | C. JOINT MEETING GARAGE | | | | | | | | | | | | | | | |
| JERSEY CITY | 4339 | HUNTERDON | 1 40 44 | 74 04 | 135 | MID | | | | | C. JERSEY CITY WATER DEPT. | | | | | | | | | | | | | | | |
| LAMBERTVILLE | 4634 | HUNTERDON | 2 40 22 | 74 57 | 75 | 4P | 6P | | | | H. E. E. CASE | | | | | | | | | | | | | | | |
| LAWTON 1 E | 4708 | OCEAN | 1 40 04 | 74 07 | 20 | MID | MID | | | | C. GEORGE C. WARDILL | | | | | | | | | | | | | | | |
| LAWTON 1 NW | 4715 | SUSSEX | 2 41 14 | 74 31 | 480 | 6P | 6P | | | | H. A. M. DEPUY | | | | | | | | | | | | | | | |
| LITTLE FALLS 1 F | 4847 | PASSAIC | 8 40 43 | 74 14 | 154 | 9A | 9A | | | | C. H. PASSAIC VLY. WTR. COMM. | | | | | | | | | | | | | | | |
| LONG BRANCH | 4947 | MONMOUTH | 1 40 18 | 73 59 | 74 | MID | MID | | | | C. HJ. WILLIAM D. MARTIN, JR. | | | | | | | | | | | | | | | |
| LONG VALLEY | 5003 | MORRIS | 10 40 48 | 74 46 | 660 | 6P | 6P | | | | H. ARTHUR BARKMAN | | | | | | | | | | | | | | | |
| LUMBERTON | 5048 | BURLINGTON | 2 39 48 | 74 48 | 25 | | | | | | C. JAMES LAWTON | | | | | | | | | | | | | | | |
| MACON IN TAYL | 5071 | PASSAIC | 8 41 01 | 74 24 | 584 | 9A | | | | | C. NEWARK WATER DEPT. | | | | | | | | | | | | | | | |
| MANHAWK | 5104 | BERGEN | 8 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW | | | | | | | | | | | | | | | |
| MANVILLE | 5197 | SOMERSET | 10 40 31 | 74 34 | 50 | MID | | | | | C. JOHN L. RADCLIFFE | | | | | | | | | | | | | | | |
| MARLBOROUGH | 5244 | MONMOUTH | 1 40 20 | 74 14 | 120 | | | | | | C. GERON RYLL | | | | | | | | | | | | | | | |
| MAYS LANDING | 5346 | ATLANTIC | 1 39 27 | 74 44 | 50 | | | | | | H. ELMER EARLE | | | | | | | | | | | | | | | |
| MIDLAND PARK | 5401 | BERGEN | 1 40 49 | 74 00 | 210 | MID | | | | | C. RIDGEWOOD WATER CO. | | | | | | | | | | | | | | | |

‡ 1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

551.05
UNNJ

U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

APRIL 1960
Volume 65 No. 4



ASHEVILLE: 1960

NEW JERSEY - APRIL 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 25th at Elizabeth and Toms River

Lowest Temperature: 17° on the 11th at Layton 3 NW

Greatest Total Precipitation: 4.87 inches at Sussex

Least Total Precipitation: 1.62 inches at Mays Landing

Greatest One-Day Precipitation: 1.89 inches on the 4th at Orange

Greatest Reported Total Snowfall: 4.0 inches at Greenwood Lake

Greatest Reported Depth of Snow on Ground: 4 inches on the 7th at
Greenwood Lake

SPECIAL WEATHER SUMMARY

The outstanding weather feature in April was a small tornado which passed over the farming area near Cream Ridge, Monmouth County, at about 9:30 a.m. on April 18th, in connection with a fast-moving cold front which moved from west to east across New Jersey. A heavy shower occurred in connection with the tornado, which tore a newly-laid roof from a shed and carried

the galvanized roof over an adjacent barn, 45 feet high. The roof was carried through the air for 2/10 of a mile, and landed at the edge of an apple orchard.

Donald V. Dunlap
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
APRIL 1960

CONTINUED

| Station | | Temperature | | | | | | | | | | | | Precipitation | | | | | | | | | | |
|-----------------------|----|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|--------------------|--------------------|--------------------|-------------------|-------|--------------------------------------|--------------|------|-------------|---------------------------|------|---------------|----------------|-----------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | .50 or More | 1.00 or More |
| | | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 69.0 | 40.8 | 54.9 | 4.0 | 91 | 23 | 27 | 11 | 319 | 2 | 0 | 6 | 0 | 4.67 | .73 | 1.30 | 5 | .1 | 0 | | 8 | 4 | 1 |
| BOONTON 2 SE | AM | 64.2 | 41.0 | 52.6 | 3.9 | 87 | 26 | 25 | 11 | 374 | 0 | 0 | 5 | 0 | 4.39 | .69 | 1.55 | 4 | | | | 7 | 4 | 1 |
| CANOE BROOK | AM | 65.4 | 40.5 | 53.0 | 4.7 | 88 | 26 | 23 | 11 | 368 | 0 | 0 | 5 | 0 | 3.87 | .01 | 1.67 | 4 | | 0 | | 7 | 3 | 1 |
| CHARLOTTEBURG | AM | 63.1 | 38.0 | 50.6 | 2.6 | 85 | 26 | 24 | 11 | 430 | 0 | 0 | 8 | 0 | 4.16 | .07 | 1.27 | 4 | 2.5 | 2 | 7 | 7 | 2 | 2 |
| ELIZABETH | | 68.4 | 40.7 | 54.6 | 2.9 | 93 | 25 | 21 | 11 | 328 | 1 | 0 | 7 | 0 | 2.60 | -1.26 | 1.30 | 4 | .0 | 0 | | 5 | 2 | 1 |
| ESSEX FELS SERV BLDG | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | AM | 67.9 | 39.2 | 53.6 | 2.5 | 90 | 25 | 22 | 11 | 350 | 1 | 0 | 7 | 0 | 3.75 | | 1.62 | 4 | .0 | 0 | | 5 | | |
| HIGH POINT PARK | AM | 62.8 | 37.0 | 49.9 | | 84 | 25 | 20 | 11 | 449 | 0 | 0 | 12 | 0 | 3.53 | | 1.37 | 5 | | 2 | 7 | 7 | 2 | 1 |
| JERSEY CITY | | 60.4 | 43.2 | 51.8 | 1.4 | 87 | 25 | 32 | 10 | 402 | 0 | 0 | 1 | 0 | 2.88 | .57 | .80 | 5 | .0 | 0 | | 6 | 3 | 0 |
| LAMBERTVILLE | | 69.5 | 40.9 | 55.2 | 4.5 | 91 | 25 | 25 | 11 | 310 | 1 | 0 | 4 | 0 | 2.35 | -1.24 | .86 | 5 | .0 | 0 | | 7 | 1 | 0 |
| LAYTON 3 NW | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS 1 E | AM | 66.3 | 38.1 | 52.2 | 4.8 | 90 | 25+ | 17 | 11 | 390 | 2 | 0 | 7 | 0 | 3.45 | -.32 | .97 | 4 | .0 | 0 | | 8 | 2 | 0 |
| LONG VALLEY | | 66.8 | 42.4 | 54.6 | 4.2 | 88 | 26 | 28 | 11 | 326 | 0 | 0 | 2 | 0 | 3.78 | .46 | 1.42 | 4 | .1 | T | 7 | 8 | 3 | 1 |
| MORRIS PLAINS | AM | 65.1 | 40.6 | 53.4 | | 89 | 25 | 26 | 11 | 353 | 0 | 0 | 6 | 0 | 3.90 | .09 | 1.10 | 3 | .0 | 0 | | 7 | 3 | 1 |
| NEWARK WB AIRPORT | R | 64.6 | 39.8 | 52.2 | | 89 | 26 | 22 | 11 | 389 | 0 | 0 | 6 | 0 | 4.40 | | 1.86 | 4 | .1 | T | 7 | 6 | 4 | 1 |
| | | 65.1 | 44.4 | 54.8 | 4.8 | 91 | 25 | 32 | 11 | 322 | 1 | 0 | 1 | 0 | 3.09 | -.18 | 1.05 | 3 | T | 0 | | 5 | 2 | 1 |
| NEWTON | | | | | | | | | | | | | | | | | | | | | | | | |
| PATERSON | AM | 64.6 | 39.3 | 52.0 | 3.0 | 89 | 24 | 26 | 20 | 394 | 0 | 0 | 5 | 0 | 4.26 | .66 | 1.50 | 4 | 2.5 | 3 | 7 | 8 | 3 | 2 |
| PHILLIPSBURG | AM | 66.1 | 42.7 | 54.4 | 3.5 | 90 | 26 | 30 | 11 | 332 | 1 | 0 | 3 | 0 | 3.99 | .03 | 1.35 | 4 | T | 0 | | 7 | 2 | 1 |
| PLAINFIELD | | 70.5 | 41.6 | 56.1 | 5.9 | 91 | 24+ | 28 | 11 | 298 | 4 | 0 | 4 | 0 | | | .0 | | | | | | | |
| RIDGEFIELD | | 67.9 | 42.0 | 55.0 | 4.3 | 92 | 25 | 26 | 11 | 313 | 1 | 0 | 4 | 0 | 3.32 | -.43 | 1.24 | 3 | T | 0 | | 6 | 2 | 1 |
| | | 65.6 | 43.2 | 54.4 | 4.2 | 90 | 25 | 29 | 11 | 326 | 1 | 0 | 2 | 0 | 3.52 | -.14 | 1.16 | 3 | T | 0 | | 6 | 3 | 1 |
| SOMERVILLE | | | | | | | | | | | | | | | | | | | | | | | | |
| SUSSEX | AM | 66.8 | 41.0 | 53.9 | 3.6 | 88 | 25 | 24 | 11 | 337 | 0 | 0 | 6 | 0 | 3.62 | .08 | 1.05 | 5 | .0 | 0 | | 7 | 3 | 1 |
| | | 65.2 | 38.4 | 51.8 | 2.5 | 88 | 24 | 24 | 11 | 396 | 0 | 0 | 7 | 0 | 4.87 | 1.13 | 1.42 | 4 | 3.0 | 3 | 7 | 7 | 3 | 2 |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | | | | | | | | | | | | | | | | | | | | | | | |
| AUDUBON | | 66.2 | 44.1 | 55.2 | 5.1 | 89 | 25 | 27 | 11 | 311 | 0 | 0 | 2 | 0 | 2.34 | -.99 | .69 | 26 | T | 0 | | 5 | 3 | 0 |
| BELLEPLAIN | | 69.8 | 45.2 | 57.5 | | 90 | 25 | 33 | 11+ | 260 | 1 | 0 | 0 | 0 | 3.19 | | 1.04 | 3 | .0 | 0 | | 6 | 3 | 1 |
| BURLINGTON | | 70.7 | 43.6 | 57.2 | | 88 | 26+ | 26 | 11 | 256 | 0 | 0 | 4 | 0 | 2.72 | -.84 | .80 | 4 | .0 | 0 | | 5 | 3 | 0 |
| CHATSWORTH | | 70.1M | | | | | | | | | | 0 | | | 2.39 | -1.03 | 1.03 | 5 | .0 | 0 | | 5 | 1 | 1 |
| CLAYTON | | | | | | | | | | | | | | | | | | | | | | | | |
| FREEHOLD | | 71.5 | 44.3 | 57.9 | | 90 | 25 | 29 | 11 | 248 | 1 | 0 | 3 | 0 | 3.33 | | .97 | 5 | T | 0 | | 6 | 2 | 0 |
| HAMMONTON 2 NNE | AM | 67.0 | 42.2 | 54.6 | 4.1 | 90 | 25 | 28 | 11 | 322 | 1 | 0 | 3 | 0 | 2.24 | -1.32 | .75 | 5 | .0 | 0 | | 7 | 2 | 0 |
| HIGHTSTOWN 1 N | | 70.5 | 43.7 | 57.1 | 5.1 | 92 | 26 | 31 | 11+ | 270 | 2 | 0 | 3 | 0 | 2.31 | -1.36 | .77 | 5 | .0 | 0 | | 5 | 2 | 0 |
| INDIAN MILLS 2 W | | 67.8 | 42.4 | 55.1 | 4.5 | 90 | 25 | 28 | 11 | 312 | 1 | 0 | 4 | 0 | 2.74 | -.56 | 1.03 | 5 | T | 0 | | 6 | 2 | 1 |
| | | 69.8 | 41.6 | 55.7 | 4.5 | 90 | 25+ | 23 | 11 | 305 | 2 | 0 | 5 | 0 | 2.54 | -.92 | 1.20 | 5 | T | 0 | | 5 | 2 | 1 |
| LAURELTON 1 E | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | | 64.2 | 41.1 | 52.7 | 2.1 | 92 | 25 | 25 | 11 | 380 | 1 | 0 | 5 | 0 | 1.81 | -1.91 | .56 | 3 | .0 | 0 | | 5 | 2 | 0 |
| MOORESTOWN | | 69.8 | 45.1 | 57.5 | | 90 | 26+ | 32 | 11 | 258 | 2 | 0 | 1 | 0 | 2.54 | | .75 | 3 | .0 | 0 | | 5 | 2 | 0 |
| NEW BRUNSWICK EXP STA | | 67.9 | 43.1 | 55.5 | 4.5 | 89 | 25+ | 29 | 11+ | 298 | 0 | 0 | 2 | 0 | 3.30 | -.17 | 1.18 | 5 | T | 0 | | 6 | 2 | 2 |
| PEMBERTON 3 E | | 67.7 | 42.8 | 55.3 | 4.5 | 90 | 25 | 28 | 11 | 309 | 1 | 0 | 3 | 0 | 3.67 | .33 | 1.08 | 5 | T | 0 | | 7 | 3 | 1 |
| | | 70.3 | 42.0 | 56.2 | 4.1 | 90 | 25 | 26 | 11 | 279 | 1 | 0 | 4 | 0 | 2.35 | -1.09 | 1.03 | 5 | .0 | 0 | | 5 | 1 | 1 |
| SHILOH | | | | | | | | | | | | | | | | | | | | | | | | |
| TOMS RIVER | | 69.0 | 45.1 | 57.1 | 4.6 | 88 | 25+ | 31 | 11 | 268 | 0 | 0 | 2 | 0 | 2.66 | -.47 | 1.32 | 5 | .0 | 0 | | 5 | 2 | 1 |
| TRENTON WB CITY | R | 68.0 | 39.8 | 53.9 | | 83 | 25 | 22 | 11 | 346 | 1 | 0 | 7 | 0 | 1.81 | | .91 | 4 | .0 | 0 | | 5 | 1 | 0 |
| TUCKERTON | | 67.0 | 44.3 | 55.7 | 5.0 | 89 | 25+ | 32 | 11 | 294 | 0 | 0 | 1 | 0 | 2.45 | -.55 | .78 | 3 | T | 0 | | 5 | 3 | 0 |
| WOODSTOWN | | 65.8 | 41.6 | 53.7 | | 91 | 25 | 25 | 10 | 354 | 1 | 0 | 7 | 0 | 2.30 | | .90 | 5 | .0 | 0 | | 5 | 2 | 0 |
| | | 72.0M | 43.7M | 57.9M | | 90 | 26+ | 28 | 11 | 250 | 3 | 0 | 3 | 0 | 2.98 | | | | | | | | | |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 60.8 | 45.0 | 52.9 | 3.5 | 91 | 25 | 30 | 11 | 368 | 1 | 0 | 2 | 0 | 2.13 | -1.27 | .72 | 26 | | | | 5 | 2 | 0 |
| CAPE MAY 3 W | | 65.1M | 46.5M | 55.8M | | 86 | 23 | 37 | 6 | 285 | 0 | 0 | 0 | 0 | 1.80 | | .64 | 5 | .0 | 0 | | 5 | 1 | 0 |
| LONG BRANCH | R | 61.6 | 42.6 | 52.1 | 2.6 | 90 | 25 | 29 | 11 | 389 | 1 | 0 | 2 | 0 | 2.75 | -.79 | .65 | 5 | .0 | 0 | | 6 | 3 | 0 |
| DIVISION | | | | | | | | | | | | | | | | | | | | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset | | | |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|-----|--|--|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | | | |
| ATLANTIC CITY WB AIRPORT | S | 18 | 13.0 | 32 | NW | 18 | 78 | 76 | 47 | 62 | 7 | 1 | 2 | 3 | 0 | 0 | 13 | - | | 6.2 | | |
| ATLANTIC CITY | - | - | 11.9 | 34 | W | 12 | - | - | - | - | - | 1 | 3 | 2 | 0 | 0 | - | 73 | | - | | |
| LONG BRANCH | NW | 11 | 13.7 | 36 | NW | 18 | - | 80 | 61 | 59 | 3 | 5 | 3 | 3 | 0 | 0 | 14 | 64 | | 5.7 | | |
| NEWARK WB AIRPORT | WNW | 13 | 10.5 | 30++ | WNW | 12 | 69 | 73 | 47 | 53 | 8 | 5 | 3 | 1 | 1 | 0 | 18 | - | | 6.6 | | |
| TRENTON WB CITY | - | - | 10.0 | 38 | NW | 25 | - | - | - | - | 5 | 4 | 2 | 3 | 0 | 0 | 14 | 75 | | 5.8 | | |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
APRIL 1960

| Station | | Total | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|---|-------|--------------|------|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|----|----|-----|-----|-----|-----|----|----|-----|----|-----|----|-----|-----|-----|-----|-----|----|--|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | R | 2.34 | | | .52 | .61 | .36 | T | T | T | | | T | .02 | | | | | | .14 | | | | | | | | | .69 | T | | | | |
| ATLANTIC CITY | | 2.13 | | | .38 | .54 | .36 | | | | | | | | | | | | | .12 | | | | | | | | | .72 | .01 | | | | |
| AUDUBON | | 3.19 | | | 1.04 | .54 | .82 | | | | | | | .09 | | | | | | .30 | | | | | | | | | .30 | | | | | |
| BASS RIVER ST FOREST | | 2.07 | .16 | | .55 | .79 | .02 | | | | T | .10 | | | | | | | | .18 | | | | | | | | | .30 | | | | | |
| BELLEPLAIN | | 2.72 | | | .42 | .80 | .70 | | | | | | | | | | | | | .25 | | | | T | | | | | .55 | | | | | |
| BELMAR | | 2.22 | .10 | | | .66 | .50 | .30 | | | | | .09 | | | | | | | T | | | | | | | | | .45 | .12 | | | | |
| BELVIDERE | | 4.67 | | .53 | .95 | 1.30 | T | | .15 | .14 | .06 | | | T | | | | .05 | | .32 | | | | | | | | | .26 | .91 | | | T | |
| BERNARDSVILLE 2 E | | 4.16 | .20 | | 1.87 | .72 | .25 | | .06 | .03 | .15 | | | .04 | | | | | | .02 | .25 | | | | | | | | .05 | .52 | | .02 | | |
| BLACKWELLS MILLS | | 4.78 | .03 | | 1.18 | .97 | 1.24 | .03 | | | .20 | | | .05 | | | | | | .03 | .25 | | | | | | | | .46 | .34 | | | | |
| BOONTON 2 SE | | 4.39 | .88 | | T | 1.55 | .73 | .21 | .11 | .01 | T | | T | .01 | | | | .01 | T | .03 | .17 | | | | | | | T | .67 | | | | | |
| BOUNO BROOK 1 W | | 3.65 | T | | | 1.40 | .80 | .18 | .01 | .01 | .15 | T | | .04 | | | | | | .08 | .20 | | | | | | | | .53 | .23 | .02 | | | |
| BRANCHVILLE | | 4.32 | .09 | | | 1.45 | 1.13 | .27 | .24 | .09 | .01 | .05 | | | | | | .05 | T | .27 | | | | | | | | | .08 | .58 | .06 | | | |
| BURLINGTON | | 2.39 | | .49 | | .43 | 1.03 | | | | .12 | | | .02 | | | | | | .29 | | | | | | | | | .02 | | | | | |
| CANISTEAR RESERVDIR | | 4.36 | .09 | | | 1.18 | 1.56 | .22 | .25 | .12 | .03 | | | | | | | .04 | | .02 | .25 | | | | | | | | .15 | .45 | T | | | |
| CANOE BROOK | | 3.67 | .08 | | | 1.67 | .85 | .27 | .07 | .03 | .10 | | | | | | | | | .11 | .15 | | | | | | | | T | .51 | T | | | |
| CANTON | | 2.99 | .19 | | | 1.02 | 1.26 | .06 | | | | | | | | | | | | T | .24 | | | | | | | | | .22 | | | | |
| CAPE MAY 3 W | | 1.80 | | .25 | | .27 | .64 | .06 | | | | | | | | | | | | .45 | .15 | | | | | | | | .13 | | | | | |
| CEAR GROVE | | 3.49 | .24 | | | 1.30 | .80 | .24 | .10 | .06 | | | | | | | | | | .10 | .15 | | | | | | | | .10 | .40 | | | | |
| CHARLOTTEBURG | | 4.16 | .23 | | | 1.27 | 1.15 | .22 | .22 | .04 | .07 | | | | | | | .07 | .02 | T | .23 | | | | | .09 | | | .03 | .49 | | .03 | T | |
| CHATHAM | | 3.45 | .05 | | T | 1.56 | .83 | .24 | .06 | T | .10 | | | | T | | | | | .05 | .15 | | | | | | | | T | .41 | | | | |
| CHATS WORTH | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| CLAYTON | | 3.33 | | .91 | | .30 | .97 | .21 | T | | | | | .41 | | | | | | .06 | | | | | | | | | | .12 | | | | |
| CLINTON | | 2.87 | | .40 | | .91 | .65 | | .06 | .07 | .08 | | | .04 | | | | | | .24 | | | | | | | | | .14 | .13 | .15 | | | |
| ELIZABETH | | 2.60 | | .30 | | 1.30 | .11 | | .01 | .01 | .05 | | | | | | | | | .19 | | | | | | | | | | | | | | |
| ELIZABETHPORT | | 2.86 | | .75 | | .53 | .80 | | .01 | .01 | .11 | | | .01 | .01 | | | | | .14 | | | | | | | | | .03 | .40 | .06 | | T | |
| ESSEX FIELDS SERV BLDG | | 3.75 | .18 | | | 1.62 | .9 | 1.40 | | | | | | | | | | | | .55 | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | | 3.70 | T | .42 | | 1.37 | .83 | T | | | .16 | .20 | | .06 | | | | T | | .28 | | | | | | | | | .10 | .28 | | | | |
| FONTECUE | | 3.11 | .32 | | | 1.12 | .84 | .17 | | | | | | | | | | | | .31 | | | | | | | | | | .35 | | | | |
| FREEHOLD | | 2.24 | | .30 | | .55 | .75 | .10 | | | .02 | .10 | | .05 | | | | | | .08 | | | | | | | | | .10 | .19 | | | | |
| GREENWOOD LAKE | | 3.65 | .10 | | | 1.18 | 1.10 | .30 | .26 | .05 | .10 | T | | | | | | .05 | T | .27 | | | | | | | | | .24 | | | | | |
| HANMONTON 2 NNE | | 2.31 | .03 | | .02 | .70 | .77 | .16 | | | | .04 | | .02 | | | | | | .04 | .20 | | | | | | | | | .33 | | | | |
| HIGH POINT PARK | | 3.53 | .15 | T | | .92 | 1.33 | | .14 | .10 | T | | T | .02 | | | | | | .02 | .35 | | | .01 | | | | | .01 | .45 | .01 | | | |
| HIGHTSTOWN 1 N | | 2.74 | | .31 | | .68 | 1.03 | .05 | | | T | .10 | | | | | | | | .28 | | | | | | | | | .07 | .22 | | | | |
| INDIAN MILLS 2 W | | 2.54 | | .56 | | .19 | 1.20 | T | | | T | .05 | | .03 | | | | | | .29 | | | | | | | | | .12 | .08 | | | | |
| IRVINGTON | | 3.05 | | 1.06 | .56 | .75 | | | .04 | .03 | .08 | | | | | | | | | .24 | | | | | | | | T | .24 | .03 | | | | |
| JERSEY CITY | | 2.88 | | .79 | | .56 | .80 | | .03 | .03 | .13 | | .03 | .03 | .02 | | | | | .17 | | | | T | | | | .04 | .27 | .04 | | | | |
| LAMBERTVILLE | | 2.35 | | .41 | .15 | .86 | .02 | | | .03 | .16 | .03 | | .04 | | | | | | .31 | | | | | | | | | .16 | .18 | | | | |
| LAURELTON 1 E | | 1.81 | | .56 | .30 | .50 | T | | | .09 | | | | | | | | | | .07 | | | | | | | | | .14 | .15 | T | | | |
| LAYTON 3 NW | | 3.45 | T | .30 | | .97 | .33 | | .23 | .08 | .04 | | | | | | | .03 | .31 | | | | | | | | | | .01 | .54 | .26 | .35 | T | |
| LITTLE FALLS 1 E | | 3.76 | .21 | | | 1.42 | .90 | .16 | .10 | .03 | .01 | | | .01 | | | | .01 | .10 | .19 | | | | T | | | | | .09 | .55 | | | | |
| LONG BRANCH | R | 2.75 | | .64 | | .61 | .65 | T | T | .01 | .09 | | .01 | .03 | | | | | | .10 | | | | | | | | | .42 | .16 | .03 | | T | |
| LONG VALLEY | | 3.90 | | 1.10 | | .90 | .67 | | .15 | .16 | .06 | | .03 | | | | | | | .30 | | | | | | | | | .08 | .42 | .03 | | | |
| MACOPIN INTAKE | | 3.84 | .48 | T | | 1.06 | .86 | .08 | .24 | .08 | .03 | | | | | | | .07 | T | .05 | .22 | | | | | .07 | | | .05 | .54 | | .01 | | |
| MANWAH | | 4.03 | .65 | | | 1.20 | .77 | .34 | .26 | .04 | .11 | | | .03 | | | | .05 | .01 | .03 | .29 | | | | | | | | | .01 | .19 | .03 | | |
| MANVILLE | | 2.61 | | .58 | | .40 | .82 | | .10 | | | | | .24 | .03 | | | | | .30 | | | | | | | | | .20 | .10 | .07 | | | |
| MAYS LANDING | | 1.62 | | .40 | | .15 | .40 | .05 | | | | | | | | | | | | .25 | | | | | | | | | | | | | | |
| MIDLAND PARK | | 3.14 | | .90 | | .35 | .87 | | .18 | .06 | .01 | | .03 | | | | | .02 | | .31 | | | | | | | | | .18 | .05 | | | | |
| MILLVILLE | | 2.54 | | .75 | | .49 | .62 | | | | | | .01 | .01 | | | | | | .24 | | | | | | | | | | .42 | | | | |
| MILTON | | 4.47 | .06 | | | 1.32 | 1.33 | .15 | .25 | .16 | .06 | | | | | | | .06 | | .15 | .18 | | | | | | | | | .70 | .05 | | | |
| MOORESTOWN | | 3.30 | .14 | | | 1.05 | 1.18 | .12 | T | | .09 | | | .03 | | | | | | .03 | .29 | | | | | | | | | .37 | | | | |
| MORRIS PLAINS | | 4.40 | .98 | | T | 1.86 | .80 | .21 | .09 | .07 | .03 | T | | T | | | | .03 | T | .03 | .10 | | | | | | | | T | .60 | T | | | |
| NEWARK WB AIRPORT | R | 3.09 | | T | 1.05 | .47 | .73 | T | .02 | .01 | .09 | | .03 | T | | | | | | .16 | | | | | | | | | | .48 | .05 | | | |
| NEW BRUNSWICK EXP STA | | 3.67 | .02 | | .23 | .85 | 1.08 | T | | .04 | .15 | | | .05 | | | | | | .25 | | | | T | T | | | | | .73 | .27 | | T | |
| NEW HILFORD | | 2.98 | | .86 | | .40 | .86 | | .14 | | | | | .02 | | | | | | .46 | | | | | | | | | | .46 | | | | |
| NEWTON | | 4.26 | .17 | | | 1.50 | 1.14 | .19 | .21 | .12 | .04 | | | | | | | .02 | | .01 | .31 | | | | | | | | .02 | .50 | .03 | | | |
| DAK RIDGE RESERVOIR | | 4.51 | .06 | | T | 1.20 | 1.40 | .22 | .32 | .13 | .02 | | | | | | | .05 | T | .39 | | | | | | | | | | .28 | .61 | | | |
| OLDWICK | | 3.63 | .15 | | | 1.50 | .70 | .14 | .07 | .03 | .08 | | | .04 | | | | | | .02 | .16 | | | | | | | | | .02 | .88 | | | |
| ORANGE | | 4.53 | .44 | | | 1.89 | .98 | | .32 | | .32 | | | | | | | | | | | | | | | | | | | .02 | .88 | | | |
| PATERSON | | 3.99 | .31 | | T | 1.35 | .95 | .08 | .35 | .03 | .01 | T | </ | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
APRIL 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX | 68 | 52 | 55 | 71 | 53 | 46 | 55 | 60 | 50 | 49 | 52 | 73 | 70 | 81 | 85 | 73 | 71 | 70 | 60 | 63 | 68 | 82 | 81 | 72 | 89 | 75 | 75 | 61 | 65 | 62 | 66.2 | |
| | MIN | 47 | 40 | 40 | 52 | 39 | 34 | 39 | 39 | 35 | 31 | 27 | 43 | 39 | 51 | 55 | 47 | 46 | 44 | 36 | 37 | 48 | 55 | 48 | 46 | 64 | 53 | 51 | 48 | 43 | 46 | 44.1 | |
| ATLANTIC CITY | MAX | 69 | 50 | 51 | 55 | 52 | 46 | 56 | 54 | 50 | 50 | 45 | 72 | 72 | 58 | 75 | 64 | 60 | 62 | 53 | 55 | 59 | 82 | 69 | 66 | 91 | 68 | 65 | 58 | 60 | 56 | 60.8 | |
| | MIN | 48 | 40 | 40 | 49 | 40 | 35 | 43 | 44 | 35 | 32 | 30 | 44 | 44 | 51 | 53 | 47 | 45 | 43 | 38 | 43 | 49 | 53 | 48 | 47 | 59 | 51 | 51 | 51 | 46 | 51 | 45.0 | |
| AQUOBON | MAX | 68 | 56 | 58 | 77 | 54 | 48 | 56 | 58 | 50 | 52 | 55 | 72 | 71 | 85 | 85 | 81 | 84 | 70 | 61 | 68 | 76 | 82 | 89 | 87 | 90 | 87 | 70 | 63 | 74 | 67 | 69.8 | |
| | MIN | 52 | 40 | 39 | 54 | 42 | 36 | 37 | 37 | 38 | 33 | 33 | 42 | 43 | 46 | 58 | 50 | 45 | 48 | 38 | 38 | 40 | 59 | 56 | 46 | 59 | 55 | 54 | 49 | 44 | 45 | 45.2 | |
| BELLEPLAIN | MAX | 68 | 65 | 52 | 71 | 71 | 60 | 62 | 60 | 59 | 54 | 51 | 74 | 72 | 80 | 82 | 79 | 79 | 70 | 64 | 62 | 73 | 80 | 83 | 83 | 88 | 88 | 75 | 74 | 78 | 65 | 70.7 | |
| | MIN | 45 | 41 | 40 | 50 | 44 | 35 | 38 | 37 | 36 | 30 | 26 | 40 | 36 | 47 | 57 | 51 | 46 | 51 | 29 | 28 | 40 | 57 | 52 | 47 | 60 | 60 | 51 | 48 | 47 | 40 | 43.6 | |
| BELVIOERE | MAX | 65 | 58 | 53 | 73 | 63 | 52 | 50 | 52 | 50 | 49 | 55 | 71 | 68 | 82 | 86 | 80 | 74 | 74 | 62 | 66 | 74 | 82 | 91 | 85 | 90 | 85 | 74 | 64 | 72 | 70 | 69.0 | |
| | MIN | 45 | 38 | 41 | 38 | 35 | 32 | 32 | 31 | 35 | 29 | 27 | 43 | 35 | 37 | 50 | 52 | 44 | 47 | 33 | 29 | 37 | 54 | 45 | 45 | 55 | 53 | 53 | 44 | 38 | 47 | 40.8 | |
| BOOMTON 2 SE | MAX | 66 | 60 | 46 | 55 | 72 | 46 | 44 | 50 | 51 | 45 | 47 | 52 | 67 | 64 | 80 | 81 | 65 | 73 | 65 | 59 | 65 | 73 | 79 | 78 | 78 | 87 | 73 | 66 | 65 | 75 | 64.2 | |
| | MIN | 44 | 37 | 38 | 39 | 42 | 34 | 32 | 32 | 38 | 31 | 25 | 38 | 42 | 38 | 52 | 53 | 43 | 44 | 35 | 30 | 40 | 51 | 45 | 45 | 46 | 51 | 51 | 45 | 44 | 45 | 41.0 | |
| BURLINGTON | MAX | 68 | 66 | 49 | 78 | 73 | 49 | 56 | 58 | 54 | 53 | 56 | 73 | 71 | 85 | 87 | 80 | 84 | 79 | 62 | 69 | 77 | 83 | 92 | | | 87 | 69 | 62 | 74 | 70 | 70.1 | |
| | MIN | 52 | 39 | 39 | 43 | 42 | 35 | 37 | 36 | 35 | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | MAX | 68 | 63 | 45 | 61 | 75 | 46 | 45 | 50 | 54 | 46 | 48 | 55 | 68 | 64 | 84 | 85 | 74 | 71 | 66 | 60 | 68 | 75 | 80 | 73 | 78 | 88 | 70 | 66 | 64 | 72 | 65.4 | |
| | MIN | 46 | 36 | 38 | 40 | 42 | 34 | 32 | 30 | 36 | 30 | 23 | 40 | 35 | 36 | 54 | 51 | 46 | 47 | 36 | 28 | 38 | 52 | 46 | 45 | 46 | 53 | 51 | 42 | 37 | 45 | 40.5 | |
| CAPE MAY 3 W | MAX | 62 | 60 | 48 | 59 | 53 | 48 | 56 | 58 | 58 | 58 | 48 | 67 | 68 | 68 | 81 | | | | | | | | | | | | | | | | | 65.1 |
| | MIN | 44 | 43 | 40 | 47 | 44 | 37 | 44 | 43 | 44 | | | | | | | | | | | | | | | | | | | | | | | 46.5 |
| CHARLOTTEBURG | MAX | 67 | 59 | 47 | 55 | 72 | 43 | 41 | 49 | 50 | 50 | 44 | 46 | 66 | 59 | 80 | 82 | 64 | 73 | 65 | 57 | 65 | 73 | 77 | 82 | 79 | 85 | 72 | 61 | 61 | 69 | 63.1 | |
| | MIN | 41 | 32 | 35 | 35 | 39 | 30 | 29 | 30 | 35 | 31 | 24 | 32 | 42 | 34 | 43 | 51 | 41 | 42 | 33 | 26 | 37 | 47 | 43 | 33 | 44 | 50 | 50 | 43 | 44 | 44 | 38.0 | |
| CHATSWORTH | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAYTON | MAX | 69 | 65 | 54 | 76 | 71 | 58 | 56 | 59 | 57 | 51 | 56 | 74 | 76 | 80 | 83 | 85 | 84 | 77 | 64 | 66 | 75 | 82 | 89 | 88 | 90 | 88 | 71 | 62 | 71 | 68 | 71.5 | |
| | MIN | 49 | 41 | 39 | 53 | 42 | 36 | 36 | 35 | 31 | 32 | 29 | 43 | 40 | 49 | 54 | 56 | 48 | 48 | 38 | 34 | 39 | 58 | 48 | 46 | 61 | 62 | 51 | 49 | 42 | 41 | 44.3 | |
| ELIZABETH | MAX | 67 | 62 | 43 | 75 | 70 | 47 | 53 | 56 | 50 | 53 | 56 | 73 | 68 | 84 | 88 | 80 | 66 | 67 | 62 | 68 | 77 | 85 | 79 | 73 | 93 | 83 | 66 | 67 | 74 | 67 | 68.4 | |
| | MIN | 44 | 39 | 37 | 40 | 39 | 31 | 32 | 33 | 32 | 28 | 21 | 39 | 39 | 40 | 55 | 55 | 43 | 49 | 32 | 31 | 39 | 55 | 44 | 44 | 46 | 53 | 50 | 45 | 42 | 45 | 40.7 | |
| ESSEX FIELDS SERV BLOC | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | MAX | 65 | 58 | 44 | 75 | 70 | 46 | 53 | 52 | 48 | 47 | 55 | 69 | 67 | 85 | 85 | 71 | 76 | 71 | 60 | 67 | 81 | 81 | 89 | 83 | 90 | 81 | 66 | 65 | 72 | 64 | 67.9 | |
| | MIN | 46 | 36 | 37 | 40 | 40 | 30 | 32 | 30 | 36 | 28 | 22 | 39 | 33 | 36 | 56 | 48 | 44 | 43 | 28 | 25 | 38 | 51 | 44 | 45 | 45 | 53 | 51 | 44 | 35 | 42 | 39.2 | |
| FREEHOLD | MAX | 65 | 62 | 42 | 76 | 71 | 47 | 52 | 56 | 48 | 49 | 55 | 64 | 67 | 82 | 85 | 74 | 71 | 68 | 58 | 67 | 75 | 81 | 76 | 78 | 90 | 84 | 66 | 64 | 71 | 65 | 67.0 | |
| | MIN | 48 | 40 | 38 | 43 | 44 | 33 | 35 | 35 | 40 | 30 | 28 | 39 | 41 | 44 | 58 | 49 | 43 | 50 | 32 | 32 | 40 | 58 | 44 | 43 | 45 | 50 | 50 | 48 | 40 | 40 | 42.2 | |
| HAMMONTON 2 NNE | MAX | 69 | 68 | 54 | 62 | 77 | 49 | 51 | 57 | 61 | 51 | 51 | 58 | 75 | 72 | 85 | 86 | 85 | 85 | 66 | 59 | 67 | 76 | 82 | 91 | 88 | 92 | 86 | 73 | 64 | 74 | 70.5 | |
| | MIN | 46 | 42 | 39 | 34 | 44 | 34 | 37 | 32 | 41 | 31 | 31 | 40 | 44 | 51 | 58 | 53 | 44 | 46 | 35 | 36 | 43 | 57 | 56 | 44 | 51 | 59 | 52 | 48 | 41 | 42 | 43.7 | |
| HIGH POINT PARK | MAX | 63 | 53 | 42 | 51 | 71 | 49 | 39 | 44 | 50 | 45 | 52 | 57 | 66 | 63 | 81 | 80 | 74 | 71 | 63 | 57 | 64 | 71 | 78 | 81 | 84 | 81 | 65 | 55 | 61 | 72 | 62.8 | |
| | MIN | 34 | 31 | 29 | 29 | 30 | 22 | 26 | 28 | 28 | 26 | 20 | 32 | 33 | 43 | 53 | 48 | 38 | 43 | 29 | 36 | 41 | 53 | 55 | 44 | 43 | 48 | 48 | 36 | 38 | 45 | 37.0 | |
| HIGHTSTOWN 1 N | MAX | 65 | 62 | 43 | 76 | 68 | 46 | 52 | 56 | 50 | 50 | 54 | 70 | 67 | 82 | 85 | 75 | 73 | 71 | 58 | 68 | 75 | 81 | 86 | 81 | 90 | 84 | 66 | 64 | 72 | 65 | 67.8 | |
| | MIN | 48 | 41 | 37 | 41 | 44 | 33 | 36 | 35 | 40 | 30 | 28 | 41 | 42 | 42 | 58 | 49 | 43 | 51 | 31 | 32 | 39 | 55 | 54 | 44 | 47 | 52 | 52 | 46 | 40 | 42 | 42.4 | |
| INOIAN MILLS 2 W | MAX | 67 | 62 | 51 | 75 | 64 | 46 | 54 | 58 | 49 | 50 | 55 | 72 | 71 | 86 | 85 | 82 | 85 | 70 | 59 | 67 | 75 | 80 | 90 | 87 | 90 | 88 | 70 | 64 | 75 | 66 | 69.8 | |
| | MIN | 49 | 39 | 38 | 51 | 41 | 33 | 33 | 30 | 40 | 30 | 23 | 36 | 35 | 44 | 54 | 50 | 45 | 48 | 28 | 30 | 37 | 54 | 57 | 45 | 56 | 55 | 52 | 45 | 33 | 39 | 41.6 | |
| JERSEY CITY | MAX | 63 | 45 | 46 | 65 | 54 | 41 | 48 | 52 | 45 | 49 | 47 | 68 | 62 | 71 | 82 | 62 | 58 | 62 | 59 | 57 | 72 | 80 | 65 | 58 | 87 | 64 | 62 | 62 | 67 | 59 | 60.4 | |
| | MIN | 45 | 37 | 36 | 46 | 40 | 35 | 33 | 38 | 35 | 32 | 33 | 40 | 46 | 48 | 60 | 46 | 43 | 40 | 37 | 43 | 45 | 56 | 47 | 44 | 46 | 51 | 51 | 48 | 47 | 48 | 43.2 | |
| LAMBERTVILLE | MAX | 71 | 64 | 45 | 74 | 69 | 47 | 52 | 53 | 49 | 49 | 55 | 70 | 68 | 86 | 85 | 79 | 79 | 74 | 59 | 68 | 75 | 83 | 89 | 85 | 91 | 87 | 72 | 64 | 72 | 70 | 69.5 | |
| | MIN | 42 | 41 | 38 | 42 | 40 | 34 | 34 | 33 | 37 | 30 | 25 | 43 | 36 | 39 | 53 | 50 | 45 | 35 | 32 | 31 | 38 | 55 | 48 | 45 | 49 | 56 | 52 | 42 | 38 | 45 | 40.9 | |
| LAURELTON 1 E | MAX | 69 | 47 | 52 | 70 | 55 | 46 | 55 | 57 | 50 | 53 | 51 | 72 | 67 | 79 | 88 | 66 | 63 | 73 | 59 | 63 | 70 | 84 | 62 | 62 | 92 | 64 | 68 | 62 | 66 | 62 | 64.2 | |
| | MIN | 46 | 39 | 39 | 52 | 39 | 33 | 36 | 32 | 34 | 29 | 25 | 41 | 38 | 40 | 60 | 45 | 43 | 43 | 32 | 30 | 37 | 56 | 45 | 45 | 46 | 50 | 52 | 43 | 39 | 43 | 41.1 | |
| LAYTON 3 NW | MAX | 60 | 50 | 45 | 74 | 60 | 45 | 55 | 53 | 45 | 47 | 50 | 67 | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
APRIL 1960

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| SHILOH | MAX | 66 | 64 | 50 | 76 | 66 | 48 | 56 | 60 | 57 | 50 | 51 | 73 | 71 | 82 | 84 | 84 | 80 | 69 | 59 | 62 | 71 | 80 | 88 | 79 | 88 | 87 | 72 | 63 | 70 | 65 | 69.0 |
| | MIN | 46 | 43 | 39 | 49 | 43 | 35 | 39 | 39 | 41 | 32 | 31 | 41 | 40 | 48 | 56 | 53 | 45 | 50 | 35 | 36 | 45 | 56 | 54 | 45 | 60 | 60 | 54 | 48 | 42 | 47 | 45.1 |
| SOMERVILLE | MAX | 65 | 57 | 41 | 75 | 67 | 45 | 53 | 52 | 47 | 48 | 55 | 70 | 66 | 84 | 84 | 76 | 71 | 65 | 59 | 67 | 74 | 80 | 82 | 80 | 88 | 82 | 66 | 65 | 72 | 69 | 66.8 |
| | MIN | 42 | 41 | 39 | 41 | 40 | 33 | 32 | 31 | 38 | 28 | 24 | 39 | 35 | 39 | 55 | 51 | 44 | 48 | 32 | 28 | 37 | 55 | 45 | 45 | 47 | 56 | 51 | 46 | 42 | 45 | 41.0 |
| SUSSEX | MAX | 71 | 59 | 49 | 57 | 74 | 45 | 44 | 49 | 55 | 44 | 47 | 55 | 67 | 59 | 81 | 84 | 73 | 77 | 67 | 57 | 68 | 74 | 77 | 88 | 82 | 85 | 72 | 62 | 63 | 72 | 65.2 |
| | MIN | 42 | 35 | 37 | 34 | 39 | 32 | 30 | 30 | 35 | 33 | 24 | 30 | 40 | 37 | 47 | 52 | 41 | 49 | 35 | 29 | 30 | 40 | 46 | 45 | 44 | 48 | 50 | 40 | 38 | 39 | 38.4 |
| TOMS RIVER | MAX | 68 | 62 | 45 | 62 | 50 | 47 | 55 | 58 | 52 | 52 | 53 | 73 | 69 | 88 | 87 | 83 | 75 | 72 | 59 | 70 | 79 | 84 | 76 | 65 | 93 | 89 | 71 | 70 | 67 | 67 | 68.0 |
| | MIN | 48 | 39 | 39 | 42 | 40 | 32 | 31 | 30 | 38 | 28 | 22 | 39 | 34 | 40 | 52 | 40 | 44 | 50 | 29 | 28 | 35 | 53 | 45 | 45 | 46 | 50 | 51 | 48 | 35 | 40 | 39.8 |
| TRENTON WB CITY | MAX | 67 | 48 | 58 | 76 | 53 | 45 | 52 | 55 | 47 | 49 | 53 | 70 | 68 | 83 | 85 | 73 | 80 | 69 | 58 | 66 | 74 | 81 | 89 | 84 | 89 | 75 | 65 | 62 | 71 | 65 | 67.0 |
| | MIN | 48 | 38 | 39 | 53 | 38 | 34 | 37 | 40 | 36 | 33 | 32 | 44 | 48 | 49 | 61 | 44 | 43 | 43 | 38 | 40 | 44 | 59 | 44 | 44 | 49 | 54 | 53 | 48 | 48 | 47 | 44.3 |
| TUCKERTON | MAX | 69 | 62 | 45 | 65 | 55 | 48 | 55 | 55 | 50 | 52 | 54 | 72 | 72 | 84 | 85 | 68 | 68 | 66 | 57 | 60 | 67 | 83 | 79 | 63 | 91 | 86 | 74 | 62 | 65 | 62 | 65.8 |
| | MIN | 45 | 39 | 39 | 44 | 43 | 31 | 31 | 37 | 32 | 25 | 32 | 34 | 48 | 50 | 51 | 51 | 43 | 45 | 31 | 30 | 35 | 52 | 52 | 47 | 53 | 52 | 49 | 50 | 35 | 42 | 41.6 |
| WOOSTOWN | MAX | 69 | 67 | 56 | 76 | 56 | | 54 | 60 | 60 | 51 | 54 | 74 | 72 | 85 | 85 | 85 | 84 | 78 | 61 | 66 | 74 | 82 | 90 | 86 | 90 | 90 | 81 | 64 | 72 | 67 | 72.0 |
| | MIN | 48 | 43 | 40 | 42 | 35 | | 34 | 36 | 41 | 31 | 28 | 42 | 37 | 45 | 54 | 54 | 45 | 48 | 32 | 33 | 40 | 58 | 52 | 45 | 56 | 58 | 54 | 49 | 43 | 44 | 43.7 |

See Reference Notes Following Station Index

SNOWFALL AND SNOW ON GROUND

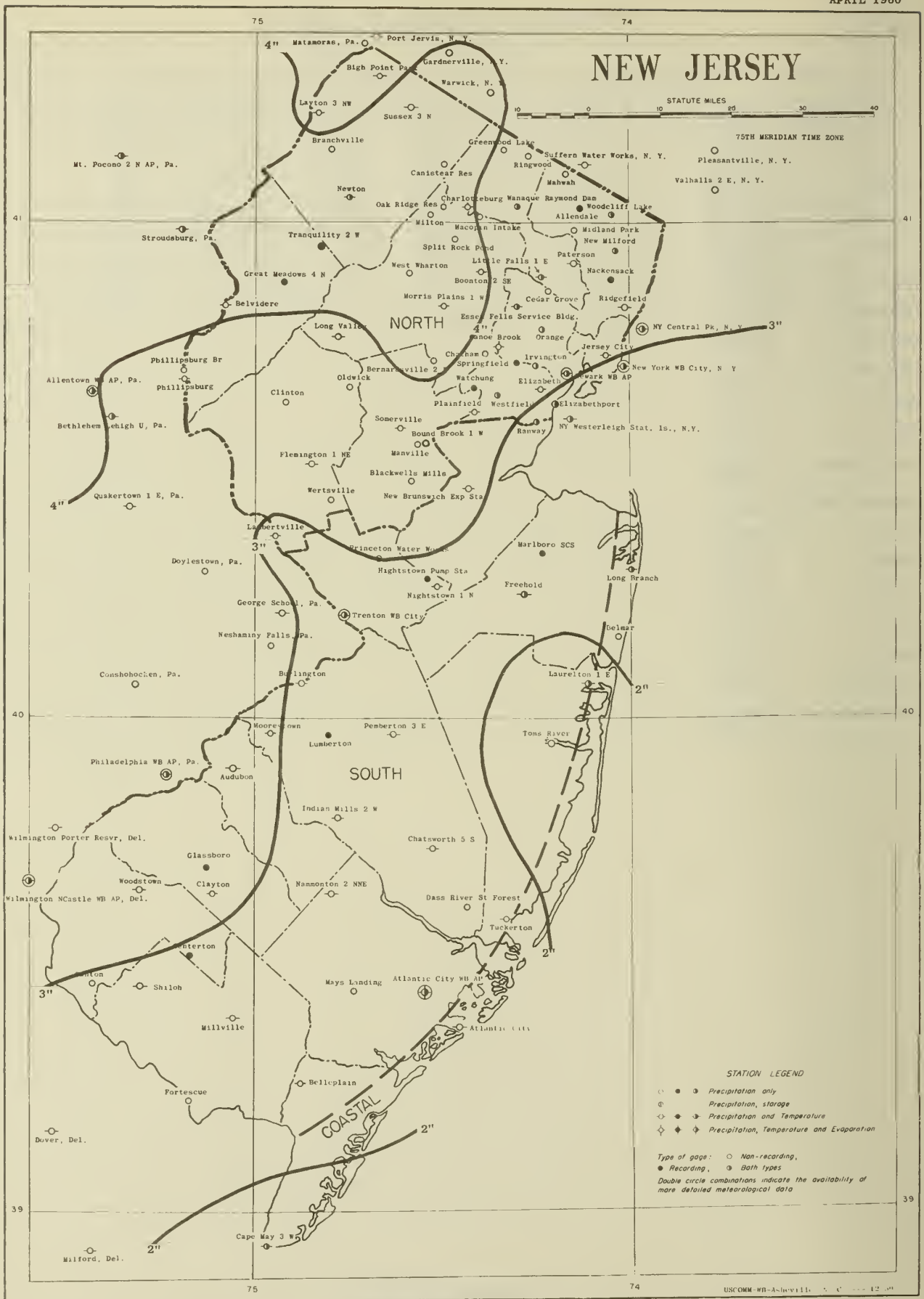
NEW JERSEY
APRIL 1960

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|---|---|---|---|---|----------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| BELVIDERE | SNOWFALL SN ON GND | | | | | | T | .1 | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | | | | | | | 2.5 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAYTON | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | | | | | | T | | | T | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | | | | | | | .1 T | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | | | | | | T | .1 T | | T | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL SN ON GND | | | | | | T | 2.5 3 | | T | | | | | | | | | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL SN ON GND | | | | | | T | T | | T | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| RIDGEFIELD | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | | | | | | T | | | | | | | | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | | | | | | | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | |

See reference notes following Station Index.

TOTAL PRECIPITATION

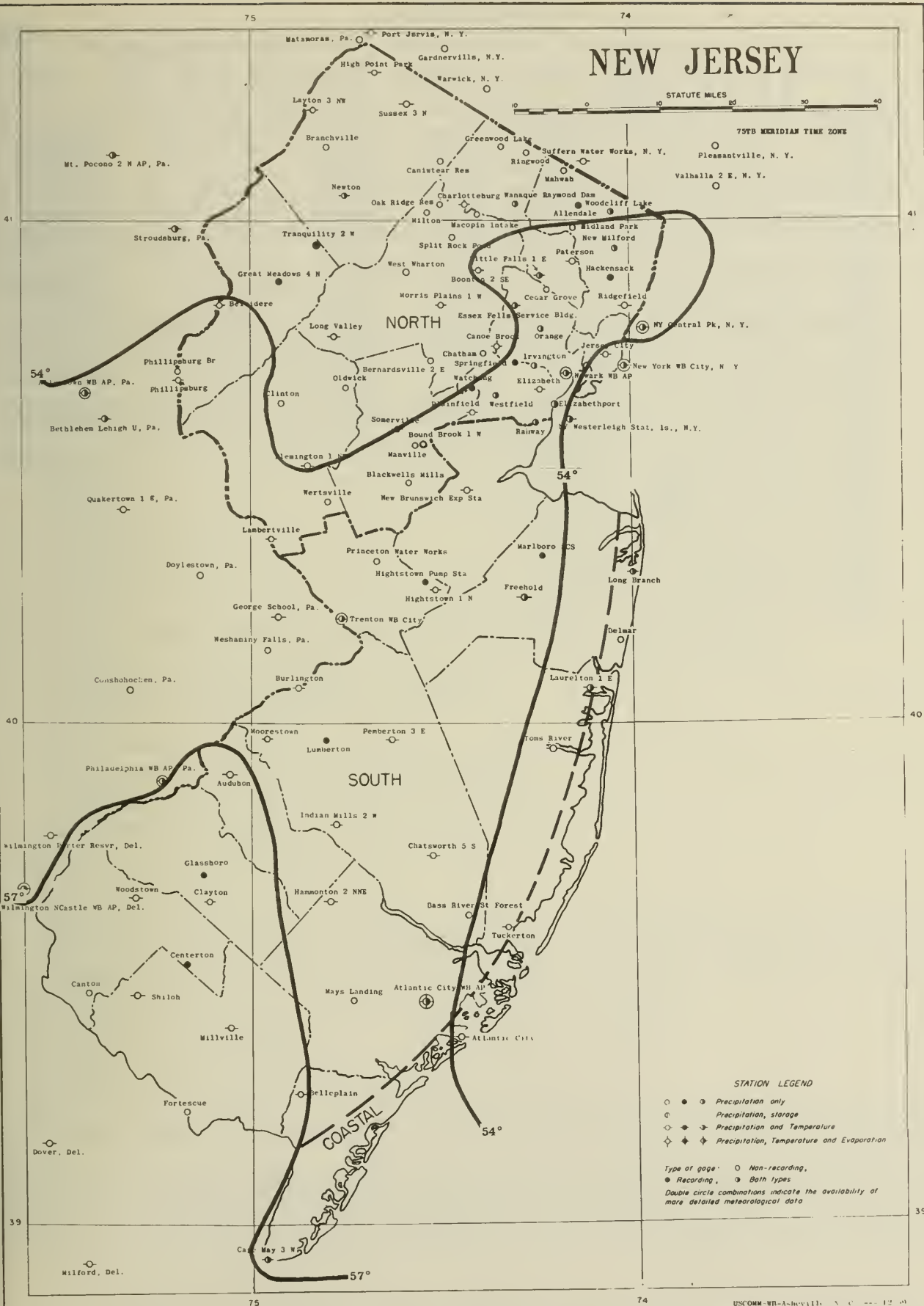
NEW JERSEY
APRIL 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
APRIL 1980



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
APRIL 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULLICA; 8-RASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
LEWIS L. STRAUSS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MAY 1960

Volume 65 No. 5



THE LIBRARY OF THE
JUL 20 1960
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1960

NEW JERSEY - MAY 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 85° on the 20+ at 5 stations

Lowest Temperature: 25° on the 2nd at Layton 3 NW

Greatest Total Precipitation: 6.02 inches at Essex Fells Service Bldg

Least Total Precipitation: 1.85 inches at Long Branch

Greatest One-Day Precipitation: 2.05 inches on the 22nd at Freehold

CLIMATOLOGICAL DATA

NEW JERSEY
MAY 1960

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|----|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|----------------|-------|--------------------------------------|--------------|------|-------------|---------------------------|------|---------------|---------------|----------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 32° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 72.5 | 47.6 | 60.1 | - 2.2 | 83 | 27 | 33 | 2 | 158 | 0 | 0 | 0 | 4.09 | -.14 | .73 | 31 | .0 | 0 | | 9 | 5 | 0 | |
| BOONTON 2 SE | AM | 70.1 | 48.0 | 59.1 | - .2 | 82 | 28+ | 34 | 4 | 187 | 0 | 0 | 0 | 4.29 | -.06 | 1.05 | 9 | .0 | 0 | | 11 | 3 | 1 | |
| CANOE BROOK | AM | 70.5 | 47.3 | 58.9 | .0 | 82 | 28 | 32 | 4+ | 196 | 0 | 0 | 2 | 5.87 | 1.34 | 1.60 | 24 | .0 | 0 | | 12 | 3 | 2 | |
| CHARLOTTEBURG | AM | 68.8 | 44.9 | 56.9 | - 2.0 | 80 | 28+ | 31 | 3 | 245 | 0 | 0 | 2 | 4.80 | .39 | 1.17 | 9 | .0 | 0 | | 11 | 2 | 1 | |
| ELIZABETH | | 72.8 | 49.8 | 61.3 | - 1.0 | 84 | 16 | 32 | 10 | 134 | 0 | 0 | 1 | 4.13 | -.21 | 1.10 | 9 | .0 | 0 | | 7 | 4 | 1 | |
| ESSEX FELS SERV BLDG | AM | 71.3 | 50.6 | 61.0 | | 84 | 28 | 35 | 2 | 132 | 0 | 0 | 0 | 6.02 | | .97 | 1 | .0 | 0 | | 8 | 2 | 0 | |
| FLEMINGTON 1 NE | | 73.3 | 45.5 | 59.4 | - 2.7 | 83 | 27+ | 29 | 4+ | 179 | 0 | 0 | 4 | 3.45 | -.89 | .66 | 9 | .0 | 0 | | 13 | 1 | 0 | |
| HIGH POINT PARK | AM | 66.8 | 46.4 | 56.6 | | 81 | 18 | 32 | 3+ | 256 | 0 | 0 | 2 | 3.23 | | .71 | 1 | .0 | 0 | | 8 | 1 | 0 | |
| JERSEY CITY | | 67.3 | 52.8 | 60.1 | - 1.3 | 80 | 16 | 40 | 2 | 164 | 0 | 0 | 0 | 2.54 | -1.41 | .90 | 9 | .0 | 0 | | 8 | 4 | 0 | |
| LAMBERTVILLE | | 73.9 | 47.9 | 60.9 | - .7 | 83 | 27+ | 32 | 2 | 138 | 0 | 0 | 1 | 4.27 | -.10 | .90 | 9 | .0 | 0 | | 8 | 4 | 0 | |
| LAYTON 3 NW | | 70.8 | 45.2 | 58.0 | - .4 | 80 | 27+ | 25 | 2 | 216 | 0 | 0 | 2 | 4.08 | -.03 | .76 | 23 | .0 | 0 | | 9 | 4 | 0 | |
| LITTLE FALLS 1 E | AM | 72.9 | 49.6 | 61.3 | .0 | 85 | 20 | 37 | 4+ | 138 | 0 | 0 | 0 | 4.59 | .01 | 1.38 | 9 | .0 | 0 | | 11 | 3 | 1 | |
| LONG VALLEY | | 70.7 | 47.5 | 59.1 | | 81 | 27 | 30 | 4 | 182 | 0 | 0 | 2 | 5.81 | 1.51 | 1.53 | 21 | .0 | 0 | | 12 | 6 | 1 | |
| MORRIS PLAINS | AM | 69.5 | 47.0 | 58.3 | | 81 | 28+ | 29 | 2 | 208 | 0 | 0 | 2 | 4.15 | .61 | .9 | 9 | .0 | 0 | | 10 | 5 | 0 | |
| NEWARK WB AIRPORT | R | 71.1 | 53.2 | 62.2 | 1.1 | 83 | 17+ | 40 | 2 | 114 | 0 | 0 | 0 | 4.11 | .38 | .85 | 1 | .0 | 0 | | 10 | 3 | 0 | |
| NEWTON | AM | 69.7 | 44.5 | 57.1 | - 2.3 | 81 | 28 | 30 | 2 | 242 | 0 | 0 | 4 | 3.29 | -.95 | .67 | 22 | .0 | 0 | | 11 | 2 | 0 | |
| PATERSON | AM | 71.5 | 50.7 | 61.1 | - 1.0 | 85 | 28 | 37 | 2 | 142 | 0 | 0 | 0 | 3.84 | -.64 | .65 | 24 | .0 | 0 | | 11 | 3 | 0 | |
| PHILLIPSBURG | | 74.0 | 48.2 | 61.1 | - .3 | 82 | 28+ | 35 | 4+ | 135 | 0 | 0 | 0 | 3.87 | -.43 | 1.34 | 1 | .0 | 0 | | 6 | 5 | 1 | |
| PLAINFIELD | | 71.8 | 49.4 | 60.6 | - .7 | 84 | 27 | 33 | 2 | 151 | 0 | 0 | 0 | 4.92 | .54 | 1.45 | 23 | .0 | 0 | | 8 | 3 | 2 | |
| RIDGEFIELD | | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | | 72.8 | 48.2 | 60.5 | - .7 | 83 | 27 | 30 | 2 | 153 | 0 | 0 | 2 | 3.56 | -.56 | .94 | 1 | .0 | 0 | | 8 | 3 | 0 | |
| SUSSEX | AM | 70.5 | 45.7 | 58.1 | - 2.3 | 82 | 28 | 33 | 2 | 213 | 0 | 0 | 0 | 3.42 | -.54 | .49 | 31 | .0 | 0 | | 13 | 0 | 0 | |
| DIVISION | | | | 59.5 | - 1.2 | | | | | | | | | 4.22 | -.07 | | | .0 | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 71.0 | 50.9 | 61.0 | .8 | 84 | 16 | 37 | 3 | 140 | 0 | 0 | 0 | 2.21 | -.77 | .64 | 23 | .0 | 0 | | 5 | 2 | 0 | |
| AUDUBON | | 74.1 | 50.8 | 62.5 | | 84 | 16 | 37 | 2 | 102 | 0 | 0 | 0 | 4.59 | .76 | .76 | 29 | .0 | 0 | | 11 | 5 | 0 | |
| BELLEPLAIN | | 71.7 | 49.3 | 60.5 | | 81 | 16 | 35 | 3+ | 144 | 0 | 0 | 0 | 3.44 | -.63 | .77 | 1 | .0 | 0 | | 8 | 3 | 0 | |
| BURLINGTON | | 74.4 | 51.3 | 62.9 | - 1.4 | 85 | 16 | 32 | 2 | 88 | 0 | 0 | 1 | 3.84 | -.24 | .66 | 9 | .0 | 0 | | 10 | 3 | 0 | |
| CHATSWORTH | | 73.8M | 47.5M | 60.7M | | 84 | 16 | 32 | 3 | 139 | 0 | 0 | 1 | 2.43 | .55 | 1 | | .0 | 0 | | 8 | 1 | 0 | |
| CLAYTON | | 73.3 | 48.9 | 61.1 | | 83 | 16 | 36 | 4+ | 133 | 0 | 0 | 0 | 3.97 | | 1.61 | 29 | .0 | 0 | | 10 | 2 | 1 | |
| FREEHOLD | | 72.1 | 49.9 | 61.0 | - .7 | 82 | 16 | 35 | 2 | 137 | 0 | 0 | 0 | 5.06 | .93 | 2.05 | 22 | .0 | 0 | | 9 | 3 | 1 | |
| HAMMONTON 2 NNE | AM | 74.1 | 50.1 | 62.1 | - .7 | 84 | 17 | 36 | 4 | 112 | 0 | 0 | 0 | 4.06 | -.09 | .91 | 23 | .0 | 0 | | 9 | 3 | 0 | |
| HIGHTSTOWN 1 N | | 73.1 | 49.3 | 61.2 | - .2 | 83 | 16 | 34 | 4 | 131 | 0 | 0 | 0 | 2.59 | -1.25 | .61 | 23 | .0 | 0 | | 9 | 2 | 0 | |
| INDIAN MILLS 2 W | | 73.1 | 47.2 | 60.2 | - 1.9 | 83 | 21+ | 30 | 4 | 152 | 0 | 0 | 2 | 3.09 | -1.01 | .57 | 18 | .0 | 0 | | 9 | 2 | 0 | |
| LAURELTON 1 E | | 69.9 | 48.5 | 59.2 | - 2.2 | 84 | 16 | 33 | 4 | 184 | 0 | 0 | 0 | 2.88 | -1.28 | .75 | 23 | .0 | 0 | | 6 | 1 | 0 | |
| MILLVILLE | | 72.5 | 51.6 | 62.1 | | 83 | 17 | 39 | 3 | 109 | 0 | 0 | 0 | 4.44 | .91 | .29 | | .0 | 0 | | 8 | 5 | 0 | |
| MOORESTOWN | | 72.6 | 49.5 | 61.1 | - .6 | 83 | 16 | 35 | 4 | 132 | 0 | 0 | 0 | 3.87 | -.46 | .68 | 23 | .0 | 0 | | 13 | 2 | 0 | |
| NEW BRUNSWICK EXP STA | | 71.6 | 50.4 | 61.0 | - .7 | 81 | 16 | 37 | 4+ | 135 | 0 | 0 | 0 | 4.25 | .26 | 1.24 | 22 | .0 | 0 | | 10 | 3 | 1 | |
| PEMBERTON 3 E | | 74.2 | 47.6 | 60.9 | - 2.1 | 85 | 16 | 30 | 5 | 143 | 0 | 0 | 3 | 3.56 | -.42 | 1.11 | 24 | .0 | 0 | | 8 | 3 | 1 | |
| SHILOH | | 71.9 | 50.7 | 61.3 | - 2.0 | 82 | 16 | 38 | 4+ | 131 | 0 | 0 | 0 | 4.07 | -.13 | .82 | 29 | .0 | 0 | | 10 | 3 | 0 | |
| TOMS RIVER | | 72.8 | 46.8 | 59.8 | | 85 | 16 | 31 | 4+ | 164 | 0 | 0 | 3 | 2.29 | | 1.30 | 23 | .0 | 0 | | 3 | 1 | 1 | |
| TRENTON WB CITY | R | 72.1 | 52.4 | 62.3 | .5 | 83 | 16 | 41 | 2 | 106 | 0 | 0 | 0 | 2.10 | -1.38 | .49 | 1 | .0 | 0 | | 8 | 0 | 0 | |
| TUCKERTON | | 70.4 | 48.5 | 59.5 | | 85 | 16 | 33 | 4+ | 180 | 0 | 0 | 0 | 3.20 | .70 | .22 | | .0 | 0 | | 9 | 4 | 0 | |
| WOODSTOWN | | 73.5 | 49.7 | 61.6 | | 83 | 17+ | 35 | 4+ | 123 | 0 | 0 | 0 | 5.16 | | 1.23 | 21 | .0 | 0 | | 9 | 4 | 1 | |
| DIVISION | | | | 61.1 | - 1.0 | | | | | | | | | 3.56 | -.43 | | | .0 | | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 66.6 | 53.9 | 60.3 | 1.2 | 83 | 16 | 42 | 2 | 157 | 0 | 0 | 0 | 2.32 | -.66 | .53 | 23 | .0 | 0 | | 9 | 1 | 0 | |
| CAPE MAY 3 W | | 68.6M | 54.3M | 61.5M | | 48 | 10+ | | | 109 | 0 | 0 | 0 | 3.23 | | .83 | 22 | .0 | 0 | | 7 | 3 | 0 | |
| LONG BRANCH | R | 68.1 | 51.3 | 59.7 | - .1 | 81 | 16 | 39 | 4+ | 173 | 0 | 0 | 0 | 1.85 | -1.79 | .50 | 23 | .0 | 0 | | 6 | 1 | 0 | |
| DIVISION | | | | 60.5 | .6 | | | | | | | | | 2.47 | -.90 | | | .0 | | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | Percent of possible sunshine | Average sky cover at sunrise to sunset | |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|------------------------------------|--|-------|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | | | Total |
| ATLANTIC CITY WB AIRPORT | ESE | 12 | 11.1 | 24 | WNW | 16 | 86 | 84 | 55 | 68 | 7 | 10 | 3 | 2 | 0 | 0 | 22 | - | 6.7 |
| ATLANTIC CITY | - | - | 10.2 | 31 | N | 1 | - | - | - | - | 0 | 8 | 8 | 1 | 0 | 0 | 17 | 55 | - |
| LONG BRANCH | S | 12 | 11.0 | 34 | NW | 16 | - | 80 | 66 | 64 | 4 | 6 | 5 | 1 | 0 | 0 | 16 | 56 | 6.5 |
| NEWARK WB AIRPORT | ESE | 18 | 8.8 | 30++ | W | 24 | 75 | 76 | 54 | 64 | 6 | 5 | 7 | 3 | 0 | 0 | 21 | - | 6.6 |
| TRENTON WB CITY | - | - | 8.2 | 28 | S | 9 | - | - | - | - | 1 | 5 | 8 | 0 | 0 | 0 | 14 | 67 | 6.4 |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
MAY 1960

| Station | Total | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|--------|--------------|------|---|---|---|---|---|-----|------|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|------|-----|------|---|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | |
| ATLANTIC CITY W8 AP | R 2.21 | .60 | | | | | | | | T | .07 | | | T | .05 | .01 | T | .17 | .09 | | .03 | .20 | .04 | .64 | T | .13 | .02 | | .01 | .07 | .08 | . | | | |
| ATLANTIC CITY | 2.32 | .46 | | | | | | | .01 | .02 | .02 | T | | | .15 | .01 | T | .06 | .19 | | .05 | .10 | | .53 | | .11 | .08 | | .20 | .19 | .13 | . | | | |
| AUGUBON | 4.59 | .51 | | | | | | | T | .69 | | | | | .10 | | T | .22 | .60 | | .10 | .25 | .45 | .55 | .07 | | .29 | | T | .76 | T | . | | | |
| BASS RIVER ST FOREST | 3.67 | . | .54 | | | | | | | .11 | | | | | .59 | | | .23 | | .11 | | .26 | . | .82 | | | .63 | | . | . | . | . | | | |
| BELLEPLAIN | 3.44 | .77 | | | | | | | | .45 | | | | | .30 | | .07 | | .05 | | | .50 | .20 | .50 | | | | | . | . | . | . | | | |
| BELMAR | - | | .30 | | | | | | | - | | | | | | | | | .02 | .02 | .04 | T | .36 | .20 | .52 | .10 | .34 | | | | | .22 | . | | |
| BELVIDERE | 4.09 | .59 | | | | | | | T | .22 | T | T | .02 | .33 | | | T | .02 | .69 | | | T | .02 | .22 | .53 | .57 | | | | | .15 | T | .73 | . | |
| BERNARDSVILLE 2 E | 3.64 | .40 | .58 | | | | | | .02 | .52 | .18 | | | .05 | | | | | .60 | .01 | | .04 | .28 | .44 | .03 | .12 | | | | | .06 | .33 | . | | |
| BLACKWELLS MILLS | 3.26 | .53 | .36 | | | | | | .11 | .24 | .16 | | | .10 | | | T | | .51 | .03 | | .09 | .16 | .39 | .05 | .28 | | | | .04 | .19 | . | | | |
| BOONTON 2 SE | 4.29 | .56 | .29 | | | | | | .02 | 1.05 | .53 | | | .14 | T | .02 | | .04 | .25 | .09 | | .03 | .26 | .32 | .11 | .15 | | | T | .05 | .38 | . | | | |
| BOUND BROOK 1 W | 4.00 | .64 | .37 | | | | | | .06 | .35 | .13 | .01 | | .06 | | | | .56 | .06 | | .11 | .88 | .41 | .02 | .02 | | | | T | .08 | .24 | . | | | |
| BRANCHVILLE | 4.02 | .30 | .09 | | | | | | T | .31 | .14 | .24 | | | | | | .54 | .15 | | .03 | .49 | .47 | .09 | .33 | | | | | . | . | . | | | |
| BURLINGTON | 3.84 | .47 | | | | | | | | .66 | | | | | | | | .57 | | .14 | | .23 | .30 | .55 | .42 | | | .08 | | .22 | .13 | .43 | . | | |
| CANISTEAR RESERVOIR | 4.00 | .32 | .19 | | | | | | .06 | .94 | | | | .04 | .01 | .07 | | .41 | .14 | T | | .13 | .33 | .15 | | .35 | | | | .05 | .38 | . | | | |
| CANOE BROOK | 5.87 | .61 | .25 | | | | | | .10 | 1.35 | .15 | | | .23 | | | | .44 | .07 | | .01 | .35 | .21 | 1.60 | | .12 | | | T | . | . | . | | | |
| CANTON | 2.35 | .45 | | | | | | | | .52 | | | | .06 | | | | | .21 | .07 | | .17 | | .57 | .20 | | | | | .59 | .02 | .04 | . | | |
| CAPE MAY 3 W | 3.23 | .33 | | | | | | | .07 | .29 | | | | .02 | | | | .06 | | .13 | | | .83 | .56 | .07 | | .03 | | | | . | . | . | | |
| CECRO GROVE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | . | | |
| CHARLOTTEBURG | 4.80 | .36 | .32 | | | | | | T | 1.17 | .53 | .03 | .07 | .16 | | .07 | | .05 | .20 | .24 | | .02 | .23 | .47 | .05 | .33 | | | T | .08 | .42 | . | | | |
| CHATMAM | 4.94 | .62 | .25 | | | | | | .02 | .91 | .19 | | | .21 | | | | | .44 | .10 | | .02 | .38 | .22 | 1.11 | .15 | T | | T | . | . | . | | | |
| CHATSORTH | 2.43 | .55 | | | | | | | | .04 | | | | .27 | | | | .35 | | | .16 | .11 | .04 | .49 | .22 | | | .20 | | | . | . | . | | |
| CLAYTON | 3.97 | .17 | | | | | | | T | .20 | | | | .06 | .07 | .02 | .17 | .64 | .15 | T | .14 | .03 | .35 | | | | | .15 | .21 | | 1.61 | .02 | 1.20 | . | |
| CLINTON | 4.25 | .72 | | | | | | | T | .37 | | | | .36 | .07 | .05 | | .38 | | | .03 | .12 | .18 | .56 | .08 | | | | | .01 | .11 | .02 | 1.20 | . | |
| ELIZABETH | 4.13 | .94 | | | | | | | .02 | 1.10 | .35 | | | .01 | .35 | | | .02 | .53 | | | .02 | .20 | .80 | .10 | | | | | . | . | . | | | |
| ELIZABETHPORT | 4.06 | .94 | | | | | | | .09 | .92 | | | | .28 | .02 | | | .04 | .58 | | | .03 | .24 | .54 | .06 | | | | | .29 | .03 | . | | | |
| ESSEX FELS SERV BLDG | 6.02 | . | 1.02 | | | | | | | 1.02 | .65 | | | .28 | | | | | . | .32 | | . | . | .20 | 2.28 | | | | | | .25 | . | . | | |
| FLEMINGTON 1 NE | 3.45 | .97 | | | | | | | .03 | .21 | T | T | .07 | .19 | | | .04 | T | .59 | | .01 | .11 | .08 | .38 | .21 | T | | | .03 | .06 | T | .47 | . | | |
| FORTESQUE | 4.61 | .04 | .43 | | | | | | | .61 | | | | .07 | | .05 | | | .15 | .06 | | | .50 | .65 | .03 | | | | | | 1.90 | .12 | . | | |
| FREEMOLD | 5.06 | .35 | | | | | | | .05 | .35 | | .01 | .65 | | | | T | | .32 | | | .18 | 2.05 | .70 | .20 | | | | | | .20 | .13 | . | | |
| GREENWOOD LAKE | 4.50 | .34 | .42 | | | | | | | .74 | .60 | .03 | .16 | .20 | | .07 | | .30 | .16 | | .03 | .11 | .53 | .15 | .07 | | | | | | .13 | .46 | . | | |
| HAMMONTON 2 NNE | 4.06 | | .57 | | | | | | T | .38 | .20 | | | .27 | | | .03 | .88 | .04 | | .22 | .18 | .91 | .06 | | | .22 | | .02 | .06 | .02 | . | . | | |
| HIGH POINT PARK | 3.23 | .12 | .18 | | | | | | T | .66 | .09 | .07 | .10 | .21 | T | .01 | | .03 | T | .15 | .18 | | .21 | .24 | .27 | .21 | T | T | | | .14 | .39 | . | | |
| HIGHTSTOWN 1 W | 2.59 | .52 | | | | | | | T | .19 | | | | .15 | | | | .06 | .57 | | .23 | | .18 | .61 | .20 | | | | | .03 | .12 | . | . | | |
| INDIAN MILLS 2 W | 3.09 | .51 | | | | | | | | .24 | | | | .17 | | | | .06 | .22 | | T | .18 | .08 | .44 | .18 | | | | T | .18 | T | . | . | | |
| IRVINGTON | 4.11 | .87 | | | | | | | .29 | .93 | | .04 | .34 | | | | | .03 | .39 | | | .12 | .02 | .43 | .38 | | | | | .25 | .02 | . | . | | |
| JERSEY CITY | 2.54 | .71 | | | | | | | .02 | .28 | | .03 | .26 | .02 | | | | .01 | T | .20 | | | .17 | .42 | .02 | | | | | | .19 | .21 | . | | |
| LAMBERTVILLE | 4.27 | .75 | | | | | | | | .90 | | | | .05 | .03 | | | .04 | .01 | .59 | .03 | .35 | | .04 | .63 | .19 | | | | .17 | .04 | .49 | . | | |
| LAURELTON 1 E | 2.88 | T | | | | | | | T | .40 | .05 | .40 | .02 | | | | | .04 | .06 | .32 | | .09 | .43 | .08 | .75 | .07 | | | T | .17 | . | . | . | | |
| LAYTON 3 NW | 4.08 | .20 | | | | | | | | .51 | T | .01 | .03 | .03 | | | | .02 | .48 | | .01 | .25 | .47 | .76 | .64 | | | | | .15 | .02 | .50 | . | | |
| LITTLE FALLS 1 E | 4.59 | .60 | .10 | | | | | | .04 | 1.38 | .12 | | .01 | .41 | .01 | | | .04 | .17 | .15 | T | | .21 | .33 | .74 | .04 | | | | .01 | .01 | .32 | . | | |
| LONG BRANCH | R 1.85 | .24 | | | | | | | .03 | .12 | T | .30 | .01 | | | | T | T | .08 | | .07 | .08 | .05 | .50 | .11 | | | | | T | .26 | .13 | . | | |
| LONG VALLEY | 5.81 | .70 | | | | | | | .46 | .50 | .03 | | .10 | .03 | .02 | | | .03 | .50 | | .05 | 1.53 | .50 | .36 | .17 | | | | | .10 | .55 | .18 | . | | |
| MACORIN INTAKE | 4.92 | .48 | .25 | | | | | | T | 1.48 | .20 | .02 | .05 | .25 | T | .09 | | .05 | .21 | .17 | | .02 | .32 | .26 | .04 | | .40 | | | | .09 | .41 | . | | |
| MAHWAH | 4.98 | .74 | .07 | | | | | | | .36 | .52 | .01 | .34 | T | .01 | | | .30 | | .10 | | .02 | .08 | .27 | 1.69 | | .05 | | | | | .30 | .20 | . | |
| MANVILLE | 4.89 | 1.00 | | | | | | | .10 | .45 | | | .05 | T | | | | .12 | .37 | | .14 | .85 | .08 | 1.10 | .13 | | | | T | .30 | .20 | . | | | |
| MAYS LANDING | 2.67 | .65 | | | | | | | .10 | .12 | | | .25 | .10 | | | | | .45 | | | .25 | .50 | | | | | | | .25 | . | . | . | | |
| MILANO PARK | 4.50 | .87 | | | | | | | .33 | .66 | | .02 | .31 | .08 | .01 | | .01 | | .51 | | | .10 | 1.22 | | | | | | | .06 | .22 | .10 | . | | |
| MILLVILLE | 4.44 | .68 | | | | | | | .09 | .43 | | | .11 | .16 | | | | .06 | .04 | .09 | | .57 | .61 | .08 | .58 | | .01 | | | | .91 | .02 | .42 | . | |
| MILTON | 5.15 | .45 | .33 | | | | | | .08 | 1.40 | .14 | | | .11 | | | | | .45 | .12 | | | .09 | .81 | .08 | .61 | | .28 | | | .10 | .06 | .46 | T | . |
| MOORESTOWN | 3.87 | .10 | .38 | | | | | | | .28 | .12 | | | .11 | | .06 | | .02 | .50 | .26 | | .24 | .25 | .68 | T | | | | | | . | . | . | | |
| MORRIS PLAINS | 4.15 | .60 | .24 | | | | | | .14 | .61 | .17 | T | | .09 | T | T | | .03 | .36 | .04 | | .02 | .60 | .50 | T | .15 | .03 | | | T | .07 | .50 | . | | |
| NEWARK WB AIRPORT | 4.11 | .85 | | | | | | | .18 | .84 | T | T | .34 | | .02 | .01 | T | .02 | .02 | .31 | | T | .12 | .11 | .51 | .49 | | | T | T | .24 | .05 | . | | |
| NEW BRUNSWICK EXP STA | 4.29 | .88 | | | | | | | .10 | .20 | | | T | .11 | | | | .17 | | | | .13 | .24 | .60 | .29 | | | | | .01 | T | .22 | . | | |
| NEW MILFORD | 2.75 | .46 | | | | | | | | .04 | .65 | | | .34 | | | | | .28 | | | | .08 | .64 | | | | | | | .12 | .14 | . | | |
| NEWTON | 3.29 | .27 | .15 | | | | | | .15 | .23 | .13 | T | | .03 | | .01 | | .02 | .30 | .10 | | .01 | .67 | .31 | .06 | .27 | | | | | .08 | .50 | . | | |
| OAK RIDGE RESERVOIR | 5.74 | .52 | .25 | | | | | | .04 | 1.19 | .32 | | .02 | .11 | | 1.04 | | .1 | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
MAY 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX | 62 | 63 | 66 | 67 | 71 | 73 | 73 | 64 | 64 | 69 | 73 | 73 | 65 | 63 | 74 | 84 | 78 | 73 | 77 | 76 | 82 | 60 | 74 | 77 | 76 | 73 | 77 | 64 | 61 | 67 | 81 | 71.0 |
| | MIN | 45 | 39 | 37 | 40 | 44 | 44 | 48 | 56 | 47 | 40 | 53 | 52 | 55 | 47 | 46 | 59 | 55 | 55 | 54 | 53 | 60 | 57 | 57 | 53 | 52 | 55 | 50 | 54 | 55 | 56 | 60 | 50.9 |
| ATLANTIC CITY | MAX | 62 | 61 | 63 | 63 | 65 | 65 | 63 | 59 | 61 | 61 | 66 | 65 | 59 | 62 | 71 | 83 | 69 | 72 | 70 | 68 | 77 | 60 | 74 | 74 | 67 | 69 | 72 | 60 | 60 | 63 | 80 | 66.6 |
| | MIN | 48 | 42 | 47 | 50 | 53 | 49 | 55 | 55 | 49 | 45 | 55 | 54 | 56 | 51 | 48 | 59 | 59 | 56 | 56 | 58 | 60 | 57 | 58 | 55 | 55 | 58 | 55 | 56 | 56 | 57 | 60 | 53.9 |
| AUDUBON | MAX | 61 | 65 | 73 | 76 | 79 | 81 | 78 | 74 | 69 | 73 | 73 | 72 | 68 | 64 | 74 | 84 | 82 | 70 | 81 | 79 | 80 | 63 | 72 | 77 | 77 | 79 | 82 | 68 | 65 | 77 | 81 | 74.1 |
| | MIN | 42 | 37 | 39 | 38 | 42 | 45 | 48 | 56 | 50 | 42 | 55 | 53 | 53 | 48 | 45 | 56 | 53 | 56 | 52 | 56 | 59 | 56 | 55 | 54 | 50 | 55 | 52 | 55 | 55 | 57 | 60 | 50.8 |
| BELLEPLAIN | MAX | 62 | 63 | 70 | 68 | 71 | 75 | 76 | 70 | 63 | 72 | 72 | 72 | 68 | 60 | 73 | 81 | 77 | 73 | 77 | 78 | 78 | 67 | 72 | 76 | 77 | 73 | 75 | 72 | 60 | 71 | 80 | 71.7 |
| | MIN | 48 | 35 | 35 | 36 | 40 | 39 | 43 | 55 | 55 | 38 | 56 | 50 | 53 | 43 | 45 | 56 | 50 | 52 | 52 | 51 | 58 | 57 | 56 | 52 | 48 | 55 | 45 | 55 | 55 | 56 | 59 | 49.3 |
| BELVIDERE | MAX | 63 | 66 | 72 | 72 | 75 | 78 | 76 | 73 | 70 | 65 | 69 | 66 | 64 | 64 | 73 | 82 | 78 | 70 | 82 | 78 | 81 | 76 | 58 | 70 | 73 | 78 | 83 | 79 | 67 | 70 | 76 | 72.5 |
| | MIN | 44 | 33 | 34 | 34 | 41 | 42 | 43 | 52 | 53 | 35 | 45 | 45 | 53 | 42 | 43 | 53 | 47 | 58 | 50 | 51 | 58 | 55 | 51 | 54 | 44 | 51 | 51 | 50 | 53 | 55 | 57 | 47.6 |
| BOONTON 2 SE | MAX | 65 | 54 | 64 | 70 | 72 | 74 | 76 | 72 | 64 | 69 | 63 | 71 | 70 | 66 | 63 | 72 | 78 | 76 | 65 | 82 | 72 | 78 | 57 | 60 | 71 | 73 | 79 | 82 | 73 | 67 | 74 | 70.1 |
| | MIN | 45 | 40 | 35 | 34 | 41 | 41 | 40 | 54 | 56 | 35 | 42 | 46 | 50 | 43 | 48 | 51 | 50 | 59 | 50 | 53 | 56 | 54 | 50 | 50 | 48 | 51 | 51 | 48 | 52 | 55 | 59 | 48.0 |
| BURLINGTON | MAX | 63 | 66 | 74 | 75 | 80 | 82 | 76 | 73 | 73 | 73 | 74 | 75 | 68 | 69 | 74 | 85 | 80 | 77 | 77 | 76 | 78 | 76 | 65 | 73 | 74 | 75 | 79 | 78 | 63 | 78 | 78 | 74.4 |
| | MIN | 46 | 32 | 40 | 40 | 38 | 52 | 49 | 57 | 52 | 43 | 55 | 52 | 56 | 47 | 47 | 54 | 49 | 60 | 54 | 57 | 58 | 57 | 55 | 52 | 52 | 58 | 54 | 52 | 55 | 55 | 62 | 51.3 |
| CANOE BROOK | MAX | 67 | 54 | 64 | 73 | 73 | 77 | 76 | 74 | 61 | 69 | 62 | 71 | 68 | 67 | 66 | 71 | 79 | 80 | 65 | 81 | 75 | 79 | 57 | 60 | 71 | 74 | 78 | 82 | 71 | 67 | 73 | 70.5 |
| | MIN | 42 | 32 | 34 | 32 | 40 | 40 | 40 | 54 | 56 | 35 | 43 | 45 | 51 | 43 | 40 | 47 | 48 | 60 | 50 | 52 | 58 | 54 | 52 | 53 | 45 | 51 | 50 | 51 | 53 | 55 | 60 | 47.3 |
| CAPE MAY 3 W | MAX | 59 | 61 | 63 | 68 | 68 | 70 | 69 | 65 | 62 | 68 | 70 | 68 | 63 | | 66 | | | | 74 | | | 71 | 73 | 74 | 74 | 70 | 71 | 75 | 70 | 72 | | 68.6 |
| | MIN | 52 | 48 | 49 | 48 | 48 | 49 | 52 | 56 | 54 | 48 | 57 | 54 | 54 | | 53 | | | | 60 | | | 56 | 58 | 60 | 58 | 58 | 59 | 53 | 59 | 51 | | 54.3 |
| CHARLOTTEBURG | MAX | 64 | 54 | 62 | 70 | 71 | 74 | 76 | 71 | 61 | 67 | 61 | 70 | 68 | 65 | 63 | 70 | 76 | 77 | 67 | 80 | 71 | 78 | 54 | 58 | 70 | 71 | 77 | 80 | 71 | 64 | 72 | 68.8 |
| | MIN | 43 | 38 | 31 | 32 | 37 | 39 | 37 | 47 | 54 | 33 | 37 | 43 | 47 | 41 | 42 | 47 | 47 | 55 | 46 | 50 | 55 | 51 | 48 | 50 | 45 | 48 | 49 | 43 | 49 | 53 | 56 | 44.9 |
| CHATSWORTH | MAX | 60 | 70 | 70 | 72 | 75 | 77 | 76 | 72 | 70 | 74 | 73 | 77 | 66 | 64 | 73 | 84 | 83 | 76 | 79 | 79 | 83 | 74 | 70 | 76 | 75 | 76 | | 68 | 65 | 74 | 82 | 73.8 |
| | MIN | 42 | 34 | 32 | 33 | 37 | 38 | 41 | 54 | 55 | 33 | 52 | 48 | 55 | 41 | 43 | 54 | 47 | 56 | 52 | 50 | 55 | 54 | 54 | 49 | 47 | 48 | | 51 | 56 | 55 | 60 | 47.5 |
| CLAYTON | MAX | 67 | 64 | 67 | 69 | 75 | 79 | 77 | 75 | 64 | 69 | 70 | 67 | 61 | 62 | 73 | 83 | 82 | 80 | 79 | 78 | 79 | 78 | 78 | 78 | 76 | 74 | 79 | 70 | 63 | 79 | 78 | 73.3 |
| | MIN | 39 | 38 | 36 | 36 | 40 | 42 | 44 | 46 | 54 | 40 | 54 | 54 | 49 | 47 | 45 | 56 | 52 | 51 | 56 | 51 | 57 | 49 | 54 | 50 | 50 | 55 | 52 | 54 | 52 | 57 | 57 | 48.9 |
| ELIZABETH | MAX | 61 | 65 | 74 | 76 | 79 | 81 | 73 | 65 | 68 | 62 | 70 | 68 | 65 | 66 | 73 | 84 | 80 | 76 | 81 | 77 | 80 | 69 | 60 | 74 | 75 | 79 | 83 | 72 | 69 | 73 | 79 | 72.8 |
| | MIN | 45 | 35 | 36 | 35 | 41 | 44 | 46 | 55 | 51 | 32 | 52 | 46 | 54 | 45 | 45 | 55 | 50 | 56 | 50 | 52 | 66 | 52 | 57 | 57 | 46 | 53 | 56 | 61 | 59 | 55 | 58 | 49.8 |
| ESSEX FIELDS SERV BLDG | MAX | 68 | 57 | 70 | 71 | 74 | 73 | 75 | 74 | 68 | 65 | 70 | 68 | 72 | 72 | 70 | 75 | 76 | 78 | 70 | 78 | 70 | 71 | 60 | 66 | 72 | 74 | 75 | 84 | 75 | 67 | 73 | 71.3 |
| | MIN | 40 | 35 | 38 | 44 | 48 | 51 | 50 | 58 | 57 | 40 | 45 | 49 | 54 | 46 | 50 | 61 | 49 | 54 | 53 | 55 | 54 | 50 | 52 | 55 | 49 | 50 | 51 | 52 | 54 | 60 | 64 | 50.6 |
| FLEMINGTON 1 NE | MAX | 63 | 65 | 71 | 72 | 78 | 78 | 76 | 64 | 72 | 68 | 73 | 70 | 68 | 66 | 74 | 83 | 81 | 70 | 82 | 77 | 83 | 69 | 62 | 74 | 77 | 80 | 83 | 71 | 68 | 75 | 78 | 73.3 |
| | MIN | 45 | 29 | 30 | 29 | 34 | 37 | 39 | 53 | 54 | 32 | 46 | 42 | 53 | 38 | 41 | 52 | 44 | 60 | 45 | 49 | 58 | 53 | 52 | 49 | 40 | 47 | 47 | 51 | 50 | 53 | 58 | 45.5 |
| FREEHOLD | MAX | 60 | 63 | 72 | 71 | 75 | 78 | 74 | 68 | 70 | 70 | 72 | 73 | 66 | 65 | 71 | 82 | 81 | 78 | 79 | 77 | 79 | 68 | 63 | 73 | 74 | 75 | 81 | 68 | 62 | 73 | 79 | 72.1 |
| | MIN | 45 | 35 | 40 | 37 | 43 | 44 | 48 | 54 | 54 | 38 | 54 | 49 | 55 | 47 | 44 | 55 | 53 | 56 | 51 | 54 | 57 | 54 | 53 | 54 | 49 | 53 | 52 | 54 | 52 | 55 | 57 | 49.9 |
| HAMMONTON 2 NNE | MAX | 68 | 62 | 64 | 73 | 75 | 78 | 81 | 78 | 75 | 70 | 75 | 74 | 78 | 70 | 65 | 73 | 84 | 82 | 71 | 81 | 79 | 82 | 63 | 71 | 76 | 76 | 75 | 82 | 70 | 69 | 76 | 74.1 |
| | MIN | 45 | 39 | 40 | 36 | 40 | 41 | 42 | 54 | 57 | 41 | 47 | 51 | 53 | 47 | 45 | 55 | 52 | 58 | 54 | 55 | 58 | 58 | 56 | 54 | 50 | 52 | 50 | 54 | 54 | 55 | 59 | 50.1 |
| HIGH POINT PARK | MAX | 68 | 56 | 61 | 69 | 70 | 75 | 75 | 67 | 59 | 60 | 56 | 64 | 62 | 61 | 58 | 69 | 77 | 81 | 58 | 76 | 70 | 75 | 51 | 56 | 69 | 69 | 77 | 75 | 69 | 68 | 70 | 66.8 |
| | MIN | 42 | 32 | 32 | 44 | 46 | 49 | 49 | 52 | 52 | 36 | 41 | 42 | 48 | 49 | 41 | 42 | 50 | 54 | 48 | 55 | 57 | 48 | 45 | 45 | 44 | 50 | 49 | 47 | 46 | 48 | 55 | 46.4 |
| HIGHTSTOWN 1 N | MAX | 62 | 64 | 74 | 73 | 77 | 78 | 75 | 65 | 71 | 70 | 75 | 73 | 69 | 66 | 73 | 83 | 82 | 77 | 80 | 77 | 80 | 65 | 64 | 72 | 75 | 77 | 82 | 69 | 65 | 75 | 78 | 73.1 |
| | MIN | 47 | 36 | 38 | 34 | 39 | 42 | 42 | 55 | 54 | 38 | 53 | 47 | 56 | 47 | 45 | 55 | 49 | 59 | 50 | 54 | 56 | 53 | 53 | 52 | 48 | 52 | 51 | 53 | 53 | 56 | 60 | 49.3 |
| INDIAN MILLS 2 W | MAX | 59 | 63 | 71 | 72 | 76 | 80 | 75 | 73 | 69 | 73 | 73 | 75 | 68 | 63 | 72 | 83 | 82 | 70 | 80 | 78 | 83 | 66 | 69 | 75 | 74 | 75 | 81 | 69 | 64 | 75 | 81 | 73.1 |
| | MIN | 46 | 34 | 32 | 30 | 35 | 35 | 39 | 54 | 54 | 34 | 53 | 51 | 53 | 40 | 43 | 55 | 45 | 57 | 49 | 51 | 55 | 56 | 56 | 45 | 43 | 52 | 46 | 52 | 54 | 56 | 59 | 47.2 |
| JERSEY CITY | MAX | 51 | 63 | 67 | 65 | 70 | 69 | 67 | 62 | 62 | 59 | 63 | 66 | 60 | 63 | 71 | 80 | 77 | 65 | 77 | 72 | 75 | 59 | 58 | 71 | 71 | 74 | 78 | 67 | 65 | 64 | 74 | 67.3 |
| | MIN | 45 | 40 | 47 | 46 | 50 | 52 | 52 | 55 | 49 | 44 | 55 | 52 | 55 | 51 | 48 | 61 | 58 | 57 | 55 | 58 | 62 | 53 | 52 | 53 | 52 | 57 | 57 | 56 | 54 | 53 | 59 | 52.8 |
| LAMBERTVILLE | MAX | 63 | 64 | 71 | 73 | 77 | 80 | 79 | 73 | 73 | 68 | 71 | 71 | 67 | 65 | 73 | 83 | 81 | 78 | 81 | 77 | 81 | 75 | 63 | 74 | 75 | 78 | 83 | 76 | 64 | 75 | 78 | 73.9 |

Continued

DAILY TEMPERATURES

NEW JERSEY

MAY 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 63 | 63 | 66 | 68 | 71 | 74 | 75 | 73 | 62 | 70 | 69 | 67 | 66 | 64 | 73 | 82 | 80 | 76 | 79 | 79 | 77 | 77 | 70 | 76 | 76 | 75 | 79 | 68 | 63 | 69 | 80 | 71.9 |
| | MIN | 49 | 39 | 38 | 38 | 45 | 44 | 44 | 54 | 52 | 40 | 55 | 52 | 50 | 46 | 46 | 57 | 55 | 57 | 53 | 55 | 59 | 58 | 55 | 53 | 52 | 54 | 50 | 53 | 54 | 55 | 59 | 50.7 |
| SOMERVILLE | MAX | 61 | 64 | 71 | 72 | 76 | 78 | 74 | 70 | 69 | 65 | 73 | 72 | 68 | 66 | 72 | 81 | 80 | 76 | 82 | 78 | 81 | 67 | 61 | 73 | 74 | 81 | 83 | 75 | 65 | 73 | 76 | 72.8 |
| | MIN | 45 | 30 | 33 | 32 | 38 | 41 | 41 | 57 | 54 | 35 | 53 | 45 | 58 | 42 | 42 | 56 | 48 | 60 | 50 | 51 | 51 | 53 | 52 | 52 | 44 | 50 | 55 | 60 | 51 | 56 | 59 | 48.2 |
| SUSSEX | MAX | 64 | 55 | 63 | 72 | 76 | 78 | 80 | 76 | 69 | 71 | 65 | 70 | 70 | 68 | 68 | 71 | 75 | 78 | 62 | 80 | 70 | 78 | 57 | 57 | 69 | 72 | 78 | 82 | 74 | 65 | 72 | 70.5 |
| | MIN | 44 | 33 | 34 | 37 | 36 | 40 | 40 | 46 | 57 | 35 | 38 | 44 | 40 | 44 | 43 | 45 | 49 | 53 | 48 | 48 | 54 | 54 | 49 | 49 | 45 | 45 | 50 | 48 | 52 | 58 | 59 | 45.7 |
| TOMS RIVER | MAX | 67 | 65 | 71 | 70 | 72 | 75 | 74 | 70 | 68 | 69 | 75 | 74 | 69 | 66 | 70 | 85 | 82 | 76 | 77 | 76 | 79 | 67 | 70 | 76 | 75 | 74 | 79 | 68 | 65 | 73 | 81 | 72.8 |
| | MIN | 40 | 31 | 31 | 31 | 34 | 34 | 38 | 56 | 55 | 35 | 45 | 45 | 56 | 45 | 40 | 44 | 50 | 56 | 52 | 51 | 58 | 55 | 55 | 54 | 45 | 49 | 46 | 52 | 54 | 55 | 59 | 46.8 |
| TRENTON WB CITY | MAX | 61 | 63 | 71 | 73 | 78 | 78 | 75 | 66 | 70 | 70 | 71 | 75 | 66 | 62 | 72 | 83 | 79 | 71 | 80 | 75 | 80 | 60 | 64 | 74 | 75 | 76 | 81 | 69 | 63 | 75 | 78 | 72.1 |
| | MIN | 46 | 41 | 46 | 43 | 47 | 51 | 48 | 55 | 48 | 46 | 54 | 52 | 56 | 49 | 47 | 58 | 57 | 56 | 55 | 58 | 60 | 54 | 54 | 53 | 53 | 55 | 56 | 54 | 54 | 57 | 60 | 52.4 |
| TUCKERTON | MAX | 60 | 65 | 67 | 66 | 67 | 69 | 70 | 64 | 65 | 65 | 72 | 68 | 65 | 65 | 73 | 85 | 83 | 73 | 73 | 76 | 81 | 65 | 74 | 75 | 74 | 70 | 75 | 68 | 62 | 66 | 80 | 70.4 |
| | MIN | 49 | 34 | 33 | 33 | 34 | 35 | 43 | 56 | 55 | 38 | 55 | 49 | 54 | 45 | 45 | 54 | 47 | 58 | 50 | 56 | 59 | 56 | 56 | 52 | 47 | 51 | 47 | 46 | 54 | 55 | 59 | 48.5 |
| WOODSTOWN | MAX | 64 | 65 | 69 | 72 | 75 | 77 | 76 | 74 | 65 | 71 | 70 | 68 | 67 | 64 | 76 | 83 | 83 | 77 | 81 | 80 | 78 | 79 | 71 | 77 | 75 | 76 | 79 | 70 | 64 | 72 | 80 | 73.5 |
| | MIN | 49 | 35 | 35 | 35 | 40 | 41 | 46 | 55 | 53 | 39 | 54 | 52 | 52 | 45 | 42 | 57 | 48 | 58 | 49 | 56 | 57 | 58 | 55 | 51 | 50 | 53 | 51 | 55 | 54 | 56 | 61 | 49.7 |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|--------------------------|------|--------------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | EVAP | - | - | .22 | .19 | .24 | .26 | .25 | .11 | .00 | .16 | .23 | .16 | .16 | .20 | .27 | .35 | * | * | .55 | .28 | .07 | .05 | .13 | .24 | .12 | .26 | .15 | .20 | .08 | .13 | .14 | B5.56 |
| | WIND | - | - | .37 | .61 | .40 | .64 | .79 | 100 | 117 | 72 | 96 | 84 | 61 | 74 | 107 | 114 | 69 | 103 | 69 | 95 | 58 | 85 | 66 | 90 | 34 | 65 | 45 | 75 | 60 | 62 | 98 | B2330 |
| | MAX | - | - | .78 | .81 | .83 | .83 | .81 | .78 | .70 | .78 | .76 | .81 | .78 | .71 | .77 | .84 | .81 | .77 | .87 | .83 | .88 | .73 | .82 | .81 | .82 | .85 | .87 | .82 | .73 | .78 | .86 | 80.0 |
| | MIN | - | - | .42 | .46 | .50 | .49 | .53 | .59 | .59 | .46 | .57 | .54 | .58 | .53 | .48 | .58 | .57 | .59 | .55 | .54 | .62 | .60 | .58 | .58 | .55 | .59 | .56 | .59 | .57 | .58 | .61 | 55.2 |
| CANOE BROOK | EVAP | - | - | - | .33 | .16 | .11 | .00 | - | .20 | .08 | .08 | .10 | .11 | .09 | .19 | .27 | .09 | .04 | * | * | .30 | .06 | - | .09 | .16 | .17 | .16 | .14 | .07 | .12 | B3.87 | |
| | WIND | - | - | 11 | 28 | 27 | 28 | 37 | 41 | 41 | 30 | 32 | 19 | 44 | 24 | 18 | 53 | 59 | 15 | 13 | 16 | 17 | 35 | 30 | 6 | 18 | 14 | 13 | 24 | 32 | 16 | 33 | B 827 |

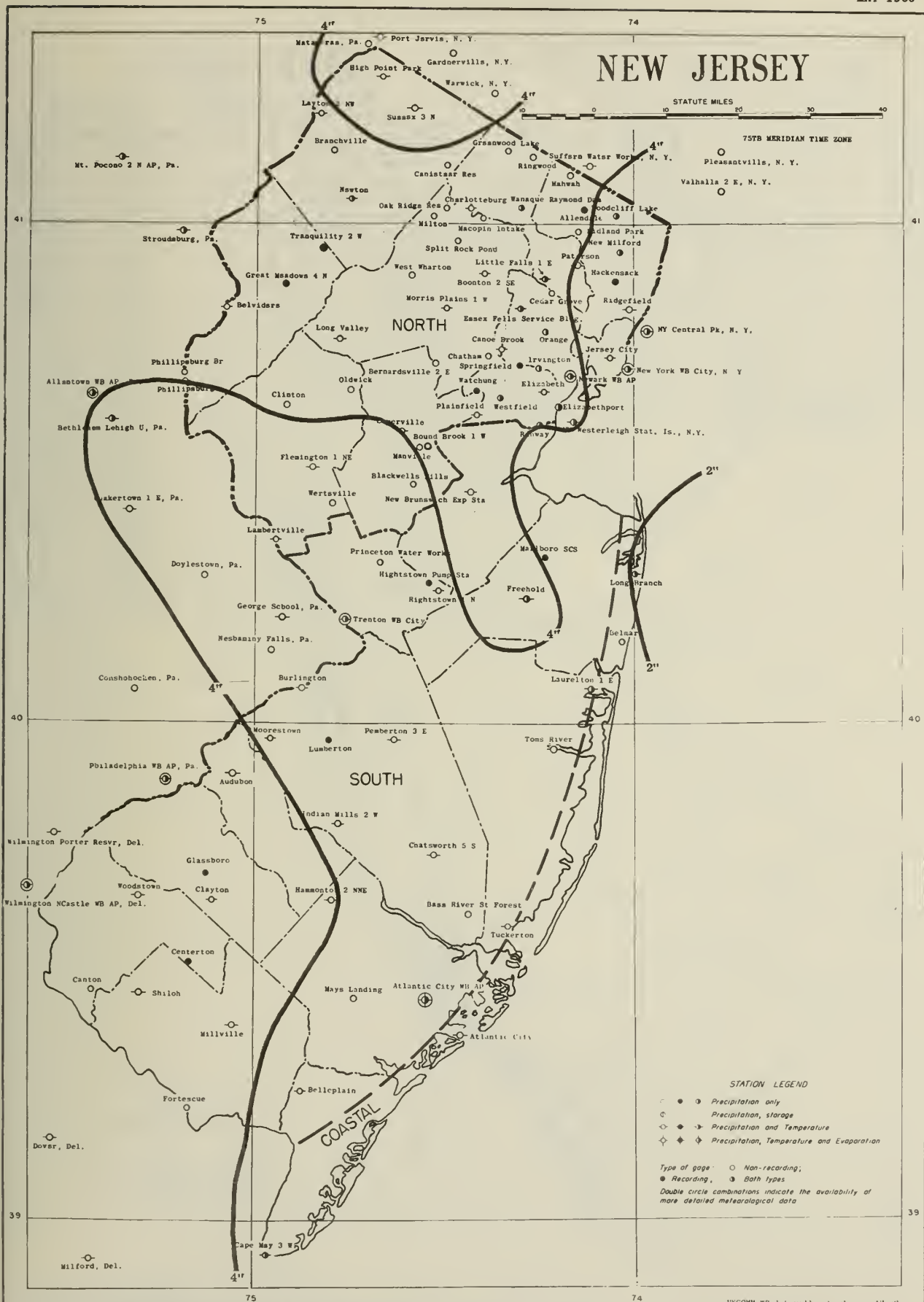
DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 54 | 61 | 60 | 64 | 65 | 65 | 62 | 56 | 59 | 56 | 68 | 65 | 68 | 68 | 72 | 75 | 76 | 63 | 71 | 66 | 70 | 60 | 58 | 69 | 70 | 71 | 72 | 70 | 65 | 67 | 71 | 65.7 |
| | MIN | 48 | 46 | 46 | 46 | 48 | 49 | 50 | 55 | 52 | 49 | 52 | 52 | 55 | 51 | 52 | 56 | 53 | 56 | 54 | 57 | 57 | 56 | 55 | 55 | 55 | 58 | 59 | 59 | 58 | 60 | 60 | 53.5 |
| 2 INCHES | MAX | 54 | 60 | 59 | 63 | 64 | 65 | 62 | 56 | 59 | 55 | 66 | 63 | 67 | 66 | 70 | 74 | 73 | 63 | 71 | 65 | 70 | 59 | 58 | 69 | 69 | 70 | 71 | 68 | 64 | 66 | 70 | 64.7 |
| | MIN | 48 | 46 | 46 | 46 | 48 | 40 | 50 | 54 | 52 | 49 | 52 | 52 | 55 | 52 | 52 | 56 | 54 | 56 | 54 | 57 | 58 | 56 | 55 | 55 | 55 | 58 | 59 | 59 | 59 | 60 | 60 | 53.5 |
| 4 INCHES | MAX | 61 | 60 | 54 | 63 | 57 | 58 | 58 | 55 | 56 | 55 | 59 | 58 | 60 | 60 | 61 | 64 | 64 | 60 | 71 | 61 | 64 | 60 | 57 | 62 | 64 | 64 | 65 | 63 | 62 | 64 | 65 | 60.4 |
| | MIN | 49 | 48 | 48 | 48 | 50 | 52 | 52 | 54 | 54 | 51 | 53 | 53 | 56 | 54 | 54 | 58 | 55 | 57 | 55 | 58 | 58 | 57 | 56 | 56 | 56 | 58 | 60 | 59 | 59 | 60 | 60 | 59.7 |
| 8 INCHES | MAX | 52 | 52 | 52 | 53 | 55 | 55 | 55 | 55 | 55 | 54 | 56 | 56 | 57 | 57 | 57 | 59 | 60 | 59 | 61 | 59 | 61 | 61 | 58 | 59 | 61 | 62 | 63 | 62 | 61 | 61 | 63 | 57.7 |
| | MIN | 50 | 50 | 49 | 50 | 51 | 53 | 53 | 54 | 54 | 53 | 53 | 54 | 55 | 56 | 54 | 56 | 56 | 58 | 56 | 58 | 58 | 58 | 57 | 56 | 58 | 59 | 60 | 60 | 60 | 60 | 60 | 55.4 |
| 12 INCHES | MAX | 51 | 51 | 51 | 52 | 52 | 53 | 54 | 54 | 54 | 54 | 54 | 55 | 55 | 55 | 55 | 57 | 58 | 58 | 58 | 58 | 59 | 60 | 58 | 58 | 58 | 58 | 60 | 60 | 60 | 60 | 61 | 56.1 |
| | MIN | 50 | 50 | 50 | 50 | 51 | 52 | 53 | 54 | 54 | 53 | 53 | 53 | 55 | 55 | 54 | 55 | 56 | 57 | 56 | 58 | 58 | 58 | 57 | 56 | 57 | 57 | 59 | 60 | 60 | 59 | 60 | 55.1 |
| 16 INCHES | MAX | 51 | 50 | 50 | 51 | 52 | 53 | 53 | 54 | 54 | 53 | 53 | 54 | 54 | 55 | 55 | 56 | 56 | 57 | 57 | 57 | 58 | 58 | 57 | 57 | 58 | 58 | 59 | 60 | 60 | 59 | 60 | 55.4 |
| | MIN | 50 | 50 | 50 | 50 | 50 | 51 | 52 | 53 | 53 | 53 | 52 | 52 | 53 | 54 | 54 | 54 | 55 | 56 | 55 | 57 | 57 | 57 | 58 | 56 | 56 | 57 | 57 | 58 | 60 | 59 | 58 | 54.5 |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

TOTAL PRECIPITATION

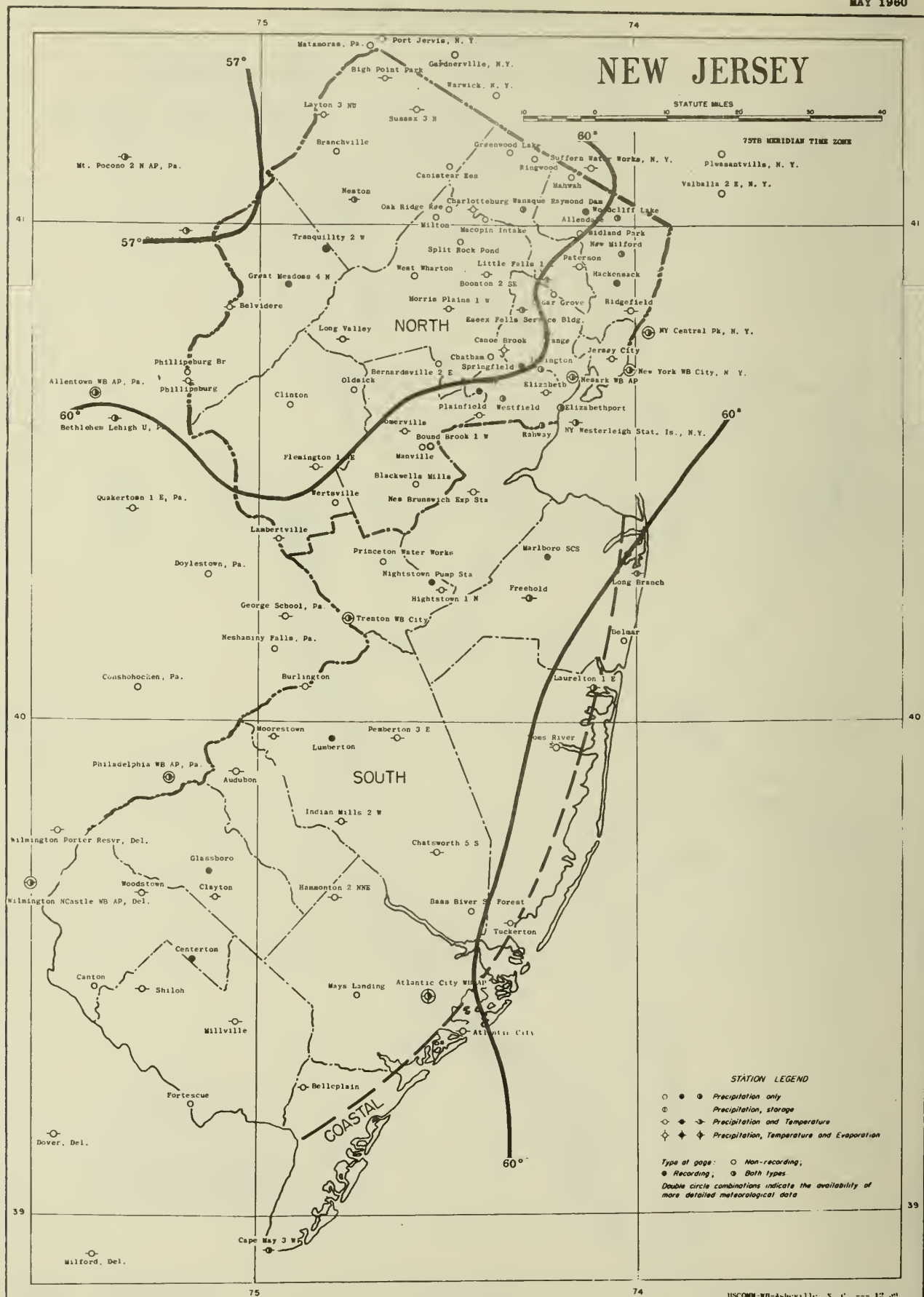
NEW JERSEY
MAY 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
MAY 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
MAY 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------|----------|-----------------------------|-----------------------|--------|------------|----------|-----------|-----------|-----------------------------|---------|-------|---------|---------------------------|---------------------|
| | | | | | | | TEMP. | PRECIP. | ETAP. | SPECIAL | | | | | | | | | TEMP. | PRECIP. | ETAP. | SPECIAL | | |
| ALLERDALE | 0100 | BENGEH | 8 | 41 02 | 74 08 | 270 | | | | | | C BERGEN COUNTY ENGINEERS | MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | JERSEY CITY WATER WRS. | |
| ATLANTIC CITY WB AP | 0511 | ATLANTIC | 1 | 59 27 | 74 55 | 58 | MID | MID | | | | C HJ U.S. WEATHER BUREAU | MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MIO | 8A | | H. J. WILLARD | |
| ATLANTIC CITY | 0525 | ATLANTIC | 1 | 59 25 | 74 26 | 10 | MID | MID | | | | C STATE MARINA | MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | H. JAMES C. LONG | |
| AUDUBON | 0144 | CAMDEN | 2 | 59 54 | 75 04 | 50 | 11P | | | | | C U.S. WEATHER BUREAU | NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MIO | MIO | | C HJ U.S. WEATHER BUREAU | |
| BASS NIVEN ST FOREST | 0528 | BURLINGTON | 1 | 39 57 | 74 24 | 20 | 6P | | | | | C HJ N.J. FORESTRY SERVICE | NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | GH ARTHUR M. AHLQUIST | |
| BELLEPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | | | | | C MRS. ED C. HOFFMAN | NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | | | | C HACKENSACK WATER CO. | |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | | C BELMAR WATER WORKS | NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | | | C NEWTON WTR. & SWR.COMM. | |
| BELVIDERE | 0729 | WARREN | 8 | 40 50 | 75 05 | 275 | 7A | | | | | C CLIFTON HAUER | OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | C NEWARK WATER DEPT. | |
| BENARDVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 52 | 240 | 7A | | | | | C BERNARDS WATER COMPANY | OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | C DAN A. COUGHLIN | |
| BLACKWELLS HILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | C HENRY H. MILLER | ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | C COUNTY ENGINEER | |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | | C JERSEY CITY WATER WORKS | PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 8A | | C P. J. DEL VECCHIO | |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 55 | 74 33 | 20 | 8A | | | | | C AMERICAN CYANAMID CO. | PEMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 40 | 5P | 5P | | H PHILIP E. MARUCCI | |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | | C PHILLIPSBURG | PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 184 | 3P | 3P | | H SEWAGE DISPOSAL PLANT | |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 55 | 12 | 6P | | | | | C PUBLIC SVC. E. + G. CO. | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | JOINT TOLL BRIDGE COMM. | |
| CANLSTEAN RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | | C NEWARK WATER DEPARTMENT | PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 6P | 8P | | H MRS VIVIAN SCHERER | |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | C COMMONWEALTH WATER CO. | PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | MIO | | | C PRINCETON WATER CO. | |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 5P | | | | | C GERTRUDE S. WILLIS | RAYMOND | 7593 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | C RAMMAY VLY. SWG. AUTH. | |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | | | | | C MONTAGNE MAGNISTE CO. | RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | MID | | | H GEORGE P. KIRSTEN |
| CELAN GROVE | 1472 | ESSEX | 8 | 40 52 | 74 18 | 400 | 8A | | | | | C J. A. PLUMETZ | RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | NO. JERSEY WTR. SUPPLY | |
| CERTERTON | 1512 | SALEM | 6 | 39 51 | 75 10 | 80 | 8A | | | | | C JOHN MORRIS DEPT. | SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | EVERETT OCKIMSON | |
| CHARLOTTETBURG | 1582 | PASSAIC | 8 | 41 05 | 74 26 | 760 | 7A | 7A | | | | C NEWARK WATER DEPT. | SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | H. W. E. HAVER | |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 25 | 185 | 8A | | | | | C EDWARD P. HOLIOR | SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | JERSEY CITY O. P. W. | |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | | | | | C EARL M. KERCHMER | SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | 7A | 7A | | C N. J. DEPT. OF CONS. | |
| CLAYTON | 1708 | GLOUCESTER | 6 | 59 39 | 75 06 | 120 | 6P | | | | | C HARRY P. CAMPBELL | SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | BRICE B. STANTON | |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | | C L. W. KLOCKNER | TOMS NIVEN | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | TOMS RIVER WATER CO. | |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | | | | | C UNION CO. PARK COMM. | TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | C H. J. ERVEY | |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | | C SEWAGE TREATMENT PLANT | TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MIO | MIO | | C HJ U.S. WEATHER BUREAU | |
| ESSEX FIELDS SERV BLDG | 2748 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | | | | | C BROWNS CREEK FELS. | TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | REV. WALTER T. GANDEK | |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | | | | | C H DONALD YOUNG | WANAQUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | C H WATER SUPPLY COMM. | |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | | C JOHN LOPER | WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | C BONNIE BURN SANITARIUM | |
| FREEHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | | | | | C FRANK J. MOREAU | WESTVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | ROBERT M. MANNERS | |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | 8A | | | | | C PROF. J. B. SANGREE | WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | 5P | | | C CITY ENGINEER | |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | 7A | | | | | C CAMAR CHEMICAL CORP. | WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | N. J. POWER & LIGHT CO. | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | | C PROF. J. WIGGINS | WOODCLIFF LAKE | 9852 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | C HACKENSACK WATER CO. | |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 05 | 10 | 6P | | | | | C BERGEN COUNTY ENGINEERS | WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | CREAM VALLEY DAIRY | |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | C W. HUBBARD PARKHURST | | | | | | | | | | | | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | | | | | C W. J. DEPT. OF CONS. | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 5951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | | C JAMES R. PICKERING | | | | | | | | | | | | |
| INDIAN HILLS 2 W | A229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | | C EDWARD ENTWISTLE | | | | | | | | | | | | |
| IRVINGTON | A260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | | C JOINT MEETING GARAGE | | | | | | | | | | | | |
| JERSEY CITY | A339 | HUDSON | 1 | 40 44 | 74 04 | 155 | MID | MID | | | | C JERSEY CITY WATER DEPT. | | | | | | | | | | | | |
| LANDEVILLE | A635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | C E. E. CASE | | | | | | | | | | | | |
| LAURELTON 1 E | A700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | | C GEORGE G. WADDILL | | | | | | | | | | | | |
| LAYTON 3 W | A735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | | C H. DEPU | | | | | | | | | | | | |
| LITTLE FALLS 1 E | A887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | 9A | | | | C PASSAIC VLY. WTR. COMM. | | | | | | | | | | | | |
| LONG BRANCH | A987 | MONMOUTH | 1 | 40 18 | 73 59 | 34 | MID | MID | | | | C HJ WILLIAM D. MARTIN, JR. | | | | | | | | | | | | |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 46 | 74 46 | 660 | 6P | 6P | | | | C H ARTHUR BARKMAN | | | | | | | | | | | | |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | 9A | | | | | C JAMES LAWTON | | | | | | | | | | | | |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 7A | | | | | C NEWARK WATER DEPT. | | | | | | | | | | | | |
| MAHWAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 255 | 7A | | | | | C ROBERT G. GLASGOW | | | | | | | | | | | | |
| MARVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | | | C JOHN L. RADCLIFFE | | | | | | | | | | | | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | MID | | | | | C GERON BRILL | | | | | | | | | | | | |
| MAYS LANDING | 5546 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | | C H ELMER EARLE | | | | | | | | | | | | |
| MIDLAND PARK | 5505 | BERGEN | 1 | 40 59 | 74 09 | 210 | MID | | | | | C RIDGEWOOD WATER CO. | | | | | | | | | | | | |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | | C H L. J. GALLAHER | | | | | | | | | | | | |

1-COASTAL; 2-DELAWARE; 5-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-HAURICE; 7-MULICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JUNE 1960
Volume 65 No. 6



ASHEVILLE: 1960

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NEW JERSEY - JUNE 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 27th at Flemington 1 NE

Lowest Temperature: 37° on the 8th at Layton 3 NW

Greatest Total Precipitation: 5.60 inches at Greenwood Lake

Least Total Precipitation: 0.38 inch at Chatsworth

Greatest One-Day Precipitation: 2.43 inches on the 15th at Freehold

SPECIAL WEATHER SUMMARY

One man was killed by lightning in the early evening of June 12, in a corn field in Hopewell Township, Cumberland County, near Bridgeton.

A small tornado passed eastward through Mercer County on June 24th, during the early evening hours. The path of the storm was from 150 to 200 yards in width, for a distance of about 20 miles. from

the northern suburbs of Trenton, through Mercerville and Robbinsville, and along the southern edge of Hights-town. A funnel cloud was reported aloft at Mercer County Airport.

Donald V. Dunlap
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

NEW JERSEY
JUNE 1960

TOATA RECEIVED TOO LATE TO BE
INCLUDED IN DIVISION AVERAGES

[illegible]

DAILY PRECIPITATION

NEW JERSEY
JUNE 1960

| Station | | Total | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|----------------|--------------|-----|-----|-----|-----|-----|-----|---|---|----|------|------|------|------|------|-----|------|-----|-----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | R | 1.77 | | | .01 | T | | | | | | | .33 | T | .15 | T | | | .07 | | | | | T | T | T | | | | | | .20 | | |
| ATLANTIC CITY | | 1.47 | | | .30 | | | | | | | | .46 | | .11 | .13 | | | .29 | | | | | | | | | | | | | .15 | | |
| AUDUBON | | 1.69 | | | .10 | T | | | | | | | 1.12 | T | .06 | .31 | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | | 1.07 | | | .07 | | | | | | | | | .49 | .11 | .04 | | .25 | T | | | | | | | | | | | | | | | |
| BELLEPLAIN | | 1.91 | | | | | .03 | | | | | | | 1.33 | .33 | | | | .20 | | | | | | | .06 | .10 | | | | | .05 | .02 | |
| BELMAR | | 3.05 | | | .03 | .27 | .03 | | | | | | T | .79 | .09 | .06 | 1.58 | .25 | | | | | | | | | | | | | | | | |
| BELVIOERE | | 3.34 | T | | | .45 | | T | | | | | .79 | .03 | .15 | 1.40 | .02 | .34 | | | .01 | | | .02 | T | T | .08 | .04 | | | .02 | | | |
| BERNARDSVILLE 2 E | | 2.34 | | | | .01 | .10 | | | | | | .03 | .53 | .08 | .14 | 1.29 | .11 | | | | | | | | .02 | .01 | | | | | | .02 | |
| BLACKWELLS MILLS | | 1.47 | | | | .14 | | | | | | | .02 | .26 | .05 | .33 | .43 | .17 | | | | | | | | | .02 | .01 | | | | | | |
| BOONTON 2 SE | | 1.73 | | T | .02 | T | .17 | | | | | | .03 | .78 | .03 | .21 | .25 | T | .17 | | | | | | T | T | .05 | .02 | | | | | T | |
| BOUND BROOK 1 W | | 1.71 | | | | | .11 | | | | | | T | .13 | .08 | .49 | .50 | T | .09 | .01 | | | | | | | | .30 | | | | | T | |
| BRANCHVILLE | | 3.96 | | .02 | .03 | | .14 | .10 | .05 | | | | T | 1.05 | .74 | .62 | 1.09 | | | | | | | | .02 | | | | | | | | | |
| BURLINGTON | | 1.81 | | | T | | | | | | | | .25 | .02 | .04 | .48 | | | .60 | | | | | | | | .08 | .01 | | | | .10 | T | |
| CANISTEAR RESERVOIR | | 3.26 | | | | .02 | .49 | .01 | | | | | .07 | .98 | .05 | .67 | .37 | .29 | | | | | | | | | T | .25 | .04 | | | | | |
| CANOE BROOK | | 1.27 | | .03 | | | .02 | | | | | | .08 | .54 | .04 | .15 | .20 | T | .14 | | | | | | T | T | .03 | .04 | | | | | | |
| CANTON | | 2.72 | | | | | | | | | | | | 1.74 | .24 | .09 | .04 | | | | | | | | | | | .25 | | | | | .36 | |
| CAPE MAY 3 W | | 1.40 | | | .14 | .05 | .05 | | | | | | | .04 | .68 | | .30 | .12 | | | | | | | | | | | | | | | .02 | |
| CEAR GROVE | | RECORD MISSING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | | 3.56 | | | | | .27 | .02 | .16 | | | | .08 | .80 | .02 | .25 | 1.23 | .56 | T | | | | | | | | .10 | .03 | | | | | .04 | |
| CHATHAM | | 1.08 | | T | T | | | | | | | | T | .62 | .05 | .17 | .21 | T | | | | | | | T | T | T | .03 | | | | | | |
| CHATSWORTH | | .38 | .03 | | | | | | | | | | | .02 | .08 | .05 | | | .20 | | | | | | | | | | | | | | | |
| CLAYTON | | 1.23 | | | | T | .01 | | | | | | T | .87 | .19 | | | | | | | | | | | | | .01 | .15 | | | | T | |
| CLINTON | | 1.79 | | | | .24 | | | | | | | .30 | .03 | .12 | .67 | | | .24 | | | | | | | | | .06 | .07 | | | | .03 | |
| ELIZABETH | | 1.15 | .07 | | | .02 | | | | | | | .41 | .04 | | .40 | | | .10 | | | | | | | | | .01 | .06 | | | | .01 | |
| ELIZABETHPORT | | 1.01 | .16 | T | | | | | | | | | .42 | T | .03 | .26 | | .06 | | | | | | | | | | .01 | .06 | | | | .02 | |
| ESSEX FELS SERV BLOC | | - | | | | | | | | | | | | .85 | .13 | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | | .87 | .02 | | | .08 | | | | | | | .10 | .02 | .08 | .38 | T | | | | | | | | T | | .02 | .17 | | | | | T | |
| FORTESCUE | | 1.67 | | | | .31 | | | | | | | | 1.00 | .30 | | | .06 | | | | | | | | | | | | | | | | |
| FREEMHOOD | | 4.10 | | | .53 | | | | | | | | .10 | .00 | .05 | 2.43 | .43 | | | | | | | | | | | .04 | .50 | | | | T | |
| GREENWOOD LAKE | | 5.60 | | | | .52 | .18 | .42 | | | | | .08 | 1.02 | .05 | .42 | 1.25 | .88 | | | | | | | | | | .65 | .05 | | | | .08 | |
| HAMMONTON 2 NNE | | .85 | | | | | .05 | | | | | | | .07 | .05 | | .34 | .34 | | | | | | | | | | | | | | | | |
| HIGH POINT PARK | | 4.16 | .12 | .01 | .02 | .26 | .02 | .69 | .01 | | | | .09 | .71 | .23 | .94 | .14 | | .57 | | | | | | | | | .20 | | | | | .15 | |
| HIGHTSTOWN 1 N | | 3.57 | | | | .50 | .04 | | | | | | .09 | T | .03 | .66 | | T | 1.13 | | | | | | | | .51 | .60 | | | | | | |
| INDIAN MILLS 2 W | | 1.44 | | | .04 | .09 | T | | | | | | .53 | .01 | .07 | .48 | | | | | | | | | | | | .06 | | | | | T | |
| IRVINGTON | | 1.45 | .01 | | .11 | T | | | | | | | .49 | | .12 | .47 | | .04 | | | | | | | | | | .20 | | | | | .01 | |
| JERSEY CITY | | 1.96 | | .05 | .04 | .04 | | | | | | | 1.34 | | .06 | .25 | .13 | | | | | | | | | | | .05 | | | | | | |
| LAMBERTVILLE | | 1.71 | | | | .02 | | | | | | | .11 | T | .07 | .46 | | | .05 | | | | | | | | | .07 | .93 | | | | | |
| LAURELTON 1 E | | RECORD MISSING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAURELTON 3 NW | | 4.23 | .13 | | | .35 | .55 | T | | | | | .80 | | .29 | 1.20 | | .25 | .37 | | | | | | | | .02 | .23 | | | | | .04 | |
| LITTLE FALLS 1 E | | 1.23 | T | | .03 | T | | | | | | | .06 | .72 | .08 | .08 | .08 | | .09 | | | | | | | | | .01 | .05 | .02 | | | .01 | |
| LONG BRANCH | R | 2.66 | | .33 | T | .01 | | | | | | | .08 | .01 | .09 | 1.00 | | .11 | .35 | | | | | | | | | | .68 | | | | T | |
| LONG VALLEY | | 2.07 | | | .12 | | | | | | | | .70 | .18 | .65 | .54 | .15 | .12 | | | | | | | | | | | .08 | | | | .05 | |
| MACPIN INTAKE | | 2.79 | | | | .02 | .25 | .02 | .07 | | | | .12 | .79 | .05 | .54 | .42 | .60 | | | | | | | | | | | .08 | | | | .03 | |
| MAHAWA | | 2.58 | | | .22 | .02 | .01 | | | | | | .13 | .93 | .03 | .53 | .19 | .28 | .08 | | | | | | | | | | .03 | .01 | | | .12 | |
| MANVILLE | | 1.31 | | | | | | | | | | | .20 | | .09 | .92 | | .05 | .05 | | | | | | | | | | T | | | | | |
| MAYS LANDING | | .75 | | | | .05 | | | | | | | | .25 | .10 | | .25 | .18 | | | | | | | | | | | | | | | | .10 |
| MIDLAND PARK | | 1.53 | | | .30 | .02 | | | | | | | .76 | | .06 | .11 | | | | | | | | | | | | | | | | | .08 | |
| MILLVILLE | | 2.22 | | | .11 | .02 | | | | | | | 1.03 | | .17 | .43 | | .43 | | | | | | | | | | | | | | | .03 | |
| MILTON | | 3.09 | | | .11 | | .08 | | | | | | .95 | | 1.14 | .15 | .33 | | | | | | | | | | | .04 | .23 | .04 | | | .02 | |
| MOORESTOWN | | 1.23 | | | | T | .16 | | | | | | .57 | .04 | T | .05 | .32 | | | | | | | | | | | | | | | | T | |
| MORRIS PLAINS | | 1.57 | | T | .23 | .03 | .05 | T | | | | | .02 | .83 | .05 | .15 | .06 | T | .10 | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | R | 1.07 | | T | .01 | T | | | | | | | .51 | T | .07 | .29 | | .10 | .01 | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | | 1.17 | | | T | .17 | .05 | | | | | | .16 | | .05 | .07 | .30 | T | .32 | | | | | | | | | | | | | | .05 | |
| NEW MILFORD | | 1.23 | | | .04 | | | | | | | | .46 | | .02 | .44 | | .02 | | | | | | | | | | | | | | | | |
| NEWTON | | 4.44 | .01 | .07 | .09 | .60 | .10 | | | | | | .04 | 1.00 | .18 | .50 | .51 | .14 | .02 | | | | | | | | | | .03 | .42 | | | .08 | |
| OAK RIDGE RESERVOIR | | 3.24 | | | | .12 | .08 | | | | | | .11 | .87 | .06 | .48 | .69 | .52 | | | | | | | | | | | .05 | .03 | .42 | | .23 | |
| OLDWICK | | 1.48 | | | .01 | | .23 | | | | | | .05 | .32 | .07 | .14 | .47 | .13 | | | | | | | | | | | | | | | .21 | |
| ORANGE | | 2.06 | | | | | | .06 | | | | | | 1.17 | .43 | | .15 | | | | | | | | | | | | | | | | .05 | |
| PATERSON | | 1.17 | | | | T | .02 | | | | | | .02 | .58 | .07 | .11 | .04 | T | .20 | | | | | | | | | | | | | | .04 | |
| PEMBERTON 3 E | | 2.11 | | | .11 | .04 | | | | | | | .02 | .50 | .06 | .83 | | .46 | | | | | | | | | | | | | | | .09 | |
| PHILLIPSBURG | | 2.88 | | | | .42 | T | | | | | | .16 | .27 | | 1.49 | | | | | | | | | | | | | | | | | | |

MONTHLY AND SEASONAL SNOWFALL

Season of 1959 - 1960

NEW JERSEY

| Station | July | August | September | October | November | December | January | February | March | April | May | June | Total |
|-----------------------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|------|-------|
| ATLANTIC CITY WB AP | | | | | T | 1.5 | .6 | 3.6 | 13.4 | T | | | 19.1 |
| ATLANTIC CITY R | - | - | - | - | - | - | T | - | - | - | - | - | - |
| AUDUBON | | | | | | 5.0 | T | 4.5 | 20.0 | | | | 29.5 |
| BASS RIVER ST FOREST | | | | | - | 2.0 | - | - | - | | | | - |
| BELLEPLAIN | | | | | | | - | 4.0 | 17.5 | | | | - |
| BELMAR | - | | | | | - | - | - | - | | | | - |
| BELVIDERE | | | | | T | 7.4 | 2.1 | 4.4 | 20.5 | .1 | | | 34.5 |
| BERNARDSVILLE 2 E | | | | | | - | 2.8 | - | 19.7 | | | | - |
| BLACKWELLS MILLS | | | | | - | - | - | - | - | | | | - |
| BOONTON 2 SE | | | | | - | - | - | - | - | | | | - |
| BOUND BROOK 1 W | | | | | | - | - | .8 | 9.3 | - | | | - |
| BRANCHVILLE | | | | | | 12.2 | 5.0 | 8.5 | 27.0 | 3.0 | | | 55.7 |
| BURLINGTON | | | | | | - | T | - | - | | | | - |
| CANISTEAR RESERVOIR | | | | | - | 12.5 | 5.1 | 8.0 | 29.0 | 3.0 | | | - |
| CANOE BROOK | | | | | .5 | 10.5 | 3.5 | 6.2 | 21.4 | | | | - |
| CANTON | | | | | | T | - | - | - | | | | - |
| CAPE MAY 3 W | | | | | T | - | - | - | - | | | | - |
| CEAR GROVE | | | | | | 9.0 | 2.0 | - | 22.0 | | - | - | - |
| CHARLOTTEBURG | | | | | .5 | 11.5 | 3.5 | 4.8 | 27.0 | 2.5 | | | 49.8 |
| CHATHAM | | | | | | - | - | - | - | | | | - |
| CHATSWORTH | - | - | - | - | - | - | - | - | - | | | | - |
| CLAYTON | | | | | | .5 | T | T | 10.9 | T | | | 11.4 |
| CLINTON | | | | | | 9.0 | - | 2.9 | 19.3 | | | | - |
| ELIZABETH | | | | | 1.0 | 9.5 | 3.0 | 1.3 | 20.8 | | | | 35.6 |
| ELIZABETHPORT | | | | | - | - | - | - | - | | | | - |
| ESSEX FELS SERV BLOC | | | | | | - | - | - | - | | | | - |
| FLEMINGTON 1 NE | | | | | T | 14.0 | 4.5 | 10.5 | 24.5 | T | | | 53.5 |
| FORTESCUE | | | | | | - | - | - | - | | | | - |
| FREENHOLD | | | | | .3 | 12.6 | 2.0 | 4.1 | 12.8 | | | | 31.8 |
| GREENWOOD LAKE | | | | T | .5 | - | - | - | 24.5 | 4.0 | | | - |
| HAMMONTON 2 NNE | | | | | | - | - | - | - | | | | - |
| HIGH POINT PARK | | | | T | - | - | 5.3 | - | - | - | | | - |
| HIGHTSTOWN 1 N | | | | | .3 | 7.8 | 2.7 | 5.0 | 12.9 | T | | | 28.7 |
| INDIAN MILLS 2 W | | | | | T | 5.0 | T | 3.2 | 15.4 | T | | | 23.6 |
| IRVINGTON | | | | | | - | - | - | - | | | | - |
| JERSEY CITY | | | | | | - | T | T | - | | | | - |
| LAMBERTVILLE | | | | | T | 7.5 | 2.5 | 6.5 | 16.0 | | | | 32.5 |
| LAURELTON 1 E | | | | | T | 4.8 | - | 3.1 | - | | | | - |
| LAYTON 3 NW | | | | | - | 9.9 | 4.1 | 7.3 | 19.0 | | | | - |
| LITTLE FALLS 1 E | | | | | 1.0 | 7.5 | 3.3 | 3.4 | 23.1 | .1 | | | 38.4 |
| LONG BRANCH R | | | | | .2 | 8.0 | 2.0 | 3.9 | 22.7 | | | | 36.8 |
| LONG VALLEY | | | | | | 12.0 | 3.0 | 7.0 | 27.0 | | | | 49.0 |
| MACOPIN INTAKE | | | | | - | 11.0 | 3.5 | 4.8 | 27.0 | 2.5 | | | - |
| MAHWAH | | | | | 1.0 | - | - | 2.0 | 27.0 | - | | | - |
| MANVILLE | | | | | | 6.5 | 3.5 | 2.1 | 21.6 | | | | 33.7 |
| MAYS LANDING | | | | | T | - | T | - | 15.8 | | | | - |
| MIDLAND PARK | | | | | - | - | - | 2.5 | - | - | | | - |
| MILLVILLE | | | | | T | T | T | - | - | | | | - |
| MILTON | | | | | | - | - | - | - | | | | - |
| MOORESTOWN | | | | | | 7.5 | 1.0 | 5.1 | 13.3 | T | | | 26.9 |
| MORRIS PLAINS | | | | | .5 | 10.0 | 2.8 | 5.6 | 19.2 | .1 | | | 38.2 |
| NEWARK WB AIRPORT R | | | | | .4 | 9.1 | 3.6 | 5.2 | 19.0 | T | | | 37.3 |
| NEW BRUNSWICK EXP STA | | | | | .5 | 9.5 | 1.8 | 3.9 | 9.8 | T | | | 25.5 |
| NEW MILFORD | | | | | T | - | - | - | - | - | | | - |
| NEWTON | | | | | T | - | 3.5 | 7.2 | 16.3 | 2.5 | | | - |
| OAK RIDGE RESERVOIR | | | | | | - | - | - | - | | | | - |
| OLDWICK | | | | | .3 | 13.0 | 4.6 | 6.9 | 29.0 | 3.0 | | | 56.8 |
| ORANGE | | | | | | - | - | - | - | | | | - |
| PATERSON | | | | | | - | - | - | - | | | | - |
| PEMBERTON 3 E | | | | | 1.2 | 9.5 | 3.5 | 2.5 | 24.4 | T | | | 41.1 |
| | | | | | T | 4.8 | 1.3 | 1.2 | 11.5 | | | | 18.8 |
| PHILLIPSBURG | | | | | | 6.0 | 3.0 | T | 14.0 | | | | 23.0 |
| PHILLIPSBURG BRIDGE | | | | | | - | T | 3.3 | 17.4 | - | | | - |
| PLAINFIELD | | | | | .4 | 13.0 | 2.0 | 3.0 | 19.0 | T | | | 37.4 |
| PRINCETON WATER WORKS | | | | | T | - | - | - | - | | | | - |
| RAHWAY | | | | | T | 9.4 | 3.9 | 1.9 | 17.0 | T | | | 32.2 |
| RIDGEFIELD | | | | | 1.0 | 13.5 | 5.5 | 4.0 | 19.4 | T | | | 43.4 |
| RINGWOOD | | | | | | 7.0 | 4.5 | - | 22.9 | | | | - |
| SHILOH | | | | | | - | - | - | - | | | | - |
| SOMERVILLE | | | | | T | 9.2 | 3.0 | 5.0 | 17.8 | | | | 35.0 |
| SPLIT ROCK POND | | | | | | - | - | - | - | | | | - |
| SUSSEX 3 N // | | | | | T | 11.3 | - | - | - | 3.0 | | | - |
| TOMS RIVER | | | | | | 4.5 | - | 3.2 | 13.0 | | | | - |
| TRENTON WB CITY R | | | | | .1 | 6.2 | 1.1 | 4.3 | 11.8 | T | | | 23.5 |
| TUCKERTON | | | | | | 1.0 | - | - | 14.0 | | | | - |
| WANAQUE RAYMOND DAM | | | | | | 7.8 | 3.8 | 2.1 | 26.0 | 2.0 | | | 41.7 |
| WERTSVILLE | | | | | | - | - | - | - | | | | - |
| WESTFIELD | | | | | .4 | 10.5 | 1.0 | 4.0 | 17.5 | | | | 33.4 |
| WEST WHARTON | | | | | | - | - | - | - | - | | | - |
| WOODCLIFF LAKE | | | | | T | - | - | - | - | - | | | - |
| WOODSTOWN | | | | | T | - | - | - | - | T | | | - |

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
JUNE 1960

| Station | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX MIN | 81 59 | 86 60 | 78 67 | 76 66 | 83 66 | 83 62 | 75 55 | 73 53 | 73 49 | 73 50 | 77 47 | 82 63 | 78 62 | 71 64 | 83 66 | 84 60 | 85 69 | 82 63 | 77 54 | 84 59 | 78 57 | 74 62 | 83 68 | 90 67 | 84 62 | 85 57 | 86 61 | 85 60 | 81 68 | 89 65 | 80.6 60.7 |
| ATLANTIC CITY | MAX MIN | 78 61 | 75 65 | 71 66 | 72 66 | 74 65 | 80 65 | 69 59 | 68 57 | 68 56 | 67 54 | 73 53 | 75 64 | 75 63 | 68 65 | 72 68 | 79 63 | 74 68 | 82 63 | 72 57 | 83 66 | 72 60 | 71 67 | 86 70 | 81 62 | 82 60 | 83 64 | 76 68 | 75 70 | 88 69 | 75.4 63.4 | |
| AUOUBON | MAX MIN | 80 60 | 87 57 | 84 70 | 81 67 | 86 66 | 82 67 | 77 58 | 78 55 | 76 51 | 75 49 | 83 50 | 83 60 | 80 59 | 78 64 | 85 65 | 86 59 | 89 65 | 83 65 | 79 66 | 82 60 | 83 61 | 79 63 | 86 67 | 90 69 | 83 62 | 89 56 | 91 62 | 88 60 | 86 66 | 90 67 | 83.3 61.4 |
| BELLEPLAIN | MAX MIN | 78 54 | 81 53 | 82 50 | 74 67 | 80 65 | 83 64 | 75 49 | 72 51 | 79 45 | 76 46 | 80 45 | 80 64 | 77 62 | 80 63 | 75 65 | 80 56 | 82 66 | 78 52 | 79 58 | 75 60 | 80 67 | 90 69 | 88 67 | 83 51 | 85 55 | 88 55 | 85 53 | 84 52 | 85 52 | 80.3 57.5 | |
| BELVIOERE | MAX MIN | 77 55 | 82 50 | 82 61 | 80 68 | 82 60 | 82 63 | 76 68 | 75 60 | 77 63 | 74 45 | 80 45 | 79 59 | 72 55 | 72 63 | 84 59 | 82 53 | 85 60 | 78 50 | 80 59 | 79 50 | 77 54 | 81 62 | 83 67 | 81 60 | 87 51 | 87 54 | 85 55 | 82 62 | 88 63 | 80.0 56.1 | |
| BOONTON 2 SE | MAX MIN | 75 57 | 78 49 | 82 57 | 82 64 | 77 64 | 84 65 | 70 59 | 76 45 | 77 49 | 74 45 | 76 44 | 82 55 | 73 52 | 80 59 | 69 59 | 69 54 | 82 57 | 86 64 | 78 50 | 79 56 | 77 53 | 79 51 | 78 56 | 84 60 | 83 66 | 80 54 | 85 54 | 88 56 | 86 59 | 79.3 55.8 | |
| BURLINGTON | MAX MIN | 78 58 | 87 58 | 85 58 | 82 68 | 86 66 | 85 59 | 85 57 | 85 56 | 77 52 | 77 52 | 84 51 | 83 68 | 78 60 | 77 64 | 85 64 | 86 60 | 90 64 | 86 60 | 86 56 | 82 62 | 85 69 | 90 68 | 85 70 | 90 63 | 89 59 | 92 60 | 90 62 | 87 65 | 88 69 | 84.7 61.1 | |
| CANOE BROOK | MAX MIN | 75 55 | 76 54 | 85 58 | 83 68 | 74 62 | 84 64 | 79 47 | 76 43 | 76 46 | 73 45 | 74 45 | 85 53 | 73 62 | 79 60 | 74 64 | 71 54 | 84 59 | 89 64 | 80 51 | 81 50 | 77 51 | 80 59 | 78 68 | 83 70 | 85 64 | 81 55 | 86 55 | 90 55 | 88 61 | 80.0 55.6 | |
| CAPE MAY 3 W | MAX MIN | 78 61 | 79 64 | 77 66 | 74 66 | 77 65 | 75 64 | 72 57 | 77 52 | 80 45 | 73 45 | 77 46 | 80 53 | 81 64 | 76 68 | 78 66 | 79 68 | 80 69 | 81 69 | 83 59 | 83 60 | 80 68 | 80 70 | 82 67 | 83 66 | 83 62 | 81 60 | 87 65 | 80 62 | 87 68 | 79.3 64.5 | |
| CHARLOTTEBURG | MAX MIN | 73 56 | 77 44 | 81 49 | 80 60 | 75 63 | 83 62 | 76 47 | 73 39 | 73 44 | 72 44 | 73 44 | 80 48 | 69 51 | 77 55 | 66 57 | 68 53 | 80 55 | 84 59 | 80 49 | 79 56 | 73 50 | 78 48 | 82 54 | 82 61 | 77 51 | 83 50 | 85 52 | 84 55 | 76 59 | 77.2 52.4 | |
| CHATSWORTH | MAX MIN | 80 55 | 87 53 | 85 68 | 80 65 | 85 62 | 82 65 | 78 51 | 73 50 | 75 45 | 72 42 | 80 55 | 82 57 | 79 80 | 82 69 | 86 62 | 88 51 | 85 66 | 80 50 | 84 57 | 80 53 | 76 51 | 83 65 | 89 68 | 86 56 | 89 50 | 87 54 | 82 58 | 88 59 | 86 60 | 82.3 56.9 | |
| CLAYTON | MAX MIN | 79 57 | 85 58 | 83 69 | 81 66 | 84 67 | 83 67 | 82 67 | 78 53 | 71 51 | 83 49 | 82 61 | 78 62 | 74 59 | 81 61 | 82 66 | 82 69 | 81 66 | 80 57 | 85 62 | 81 55 | 79 61 | 82 59 | 87 68 | 80 54 | 84 51 | 85 54 | 84 54 | 87 61 | 84 57 | 81.2 59.1 | |
| ELIZABETH | MAX MIN | 78 54 | 85 54 | 82 64 | 78 66 | 84 64 | 83 64 | 78 52 | 77 50 | 76 48 | 75 50 | 83 48 | 79 58 | 78 54 | 74 62 | 74 59 | 85 55 | 89 61 | 85 64 | 81 53 | 82 63 | 82 53 | 77 53 | 84 62 | 85 68 | 84 61 | 89 58 | 90 55 | 90 58 | 87 57 | 84 62 | 82.0 57.9 |
| ESSEX FELS SERV BLOG | MAX MIN | 73 54 | 75 60 | 84 65 | 81 64 | 82 65 | 85 65 | 80 46 | 78 48 | 80 50 | 78 45 | 85 58 | 73 60 | 77 63 | 78 60 | 80 63 | 84 63 | 80 64 | 78 60 | 79 63 | 80 59 | 78 60 | 83 63 | 80 68 | 82 63 | 81 62 | 81 64 | 85 65 | 86 63 | 85 62 | 80.4 60.2 | |
| FLEMINGTON 1 NE | MAX MIN | 77 53 | 87 47 | 86 60 | 78 68 | 85 58 | 82 64 | 79 44 | 80 45 | 77 45 | 77 41 | 86 42 | 78 56 | 79 51 | 73 62 | 77 60 | 86 50 | 90 55 | 87 58 | 84 50 | 80 55 | 83 54 | 81 50 | 86 61 | 89 70 | 86 64 | 93 48 | 93 52 | 90 57 | 91 63 | 83.5 54.6 | |
| FREEHOLO | MAX MIN | 78 57 | 86 56 | 82 67 | 78 66 | 81 65 | 81 67 | 81 51 | 76 53 | 74 48 | 73 45 | 82 48 | 79 58 | 80 57 | 72 62 | 75 61 | 85 58 | 88 61 | 82 53 | 79 53 | 80 54 | 79 56 | 75 67 | 83 69 | 85 62 | 81 60 | 84 58 | 89 56 | 87 63 | 81 65 | 80.8 58.9 | |
| HAMMONTON 2 NNE | MAX MIN | 81 57 | 79 60 | 87 66 | 85 66 | 78 67 | 85 66 | 83 53 | 78 52 | 85 48 | 77 49 | 74 58 | 83 58 | 81 62 | 78 63 | 82 65 | 85 60 | 88 64 | 82 55 | 80 60 | 84 56 | 80 61 | 75 64 | 85 68 | 80 69 | 84 57 | 89 59 | 90 58 | 88 64 | 83 62 | 82.1 59.9 | |
| HIGH POINT PARK | MAX MIN | 74 53 | 71 53 | 81 62 | 80 62 | 72 54 | 85 54 | 85 44 | 75 42 | 79 49 | 68 48 | 70 48 | 82 56 | 66 52 | 78 56 | 61 52 | 65 50 | 81 59 | 80 59 | 72 52 | 78 48 | 73 50 | 78 57 | 80 61 | 75 69 | 75 65 | 84 61 | 85 61 | 83 59 | 72 60 | 76.1 54.3 | |
| HIGHTSTOWN 1 N | MAX MIN | 78 56 | 87 53 | 85 67 | 77 68 | 84 62 | 81 65 | 77 51 | 76 49 | 75 46 | 74 48 | 83 59 | 78 56 | 80 56 | 73 62 | 78 66 | 86 57 | 90 62 | 81 52 | 85 59 | 80 53 | 77 54 | 86 64 | 87 70 | 82 63 | 87 54 | 92 57 | 91 58 | 85 61 | 88 64 | 82.4 58.1 | |
| INDIAN MILLS 2 W | MAX MIN | 79 51 | 86 52 | 83 69 | 77 65 | 85 66 | 81 61 | 77 46 | 77 50 | 77 42 | 75 40 | 84 60 | 80 58 | 75 62 | 82 65 | 85 54 | 87 62 | 81 66 | 82 66 | 81 48 | 83 50 | 77 58 | 85 65 | 88 68 | 88 65 | 88 48 | 91 53 | 88 54 | 82 62 | 90 59 | 82.4 56.4 | |
| JERSEY CITY | MAX MIN | 76 54 | 79 52 | 73 68 | 72 66 | 76 63 | 80 65 | 73 48 | 71 44 | 72 46 | 69 47 | 80 44 | 72 59 | 77 55 | 69 63 | 81 61 | 81 55 | 80 63 | 73 56 | 76 60 | 79 58 | 70 63 | 76 64 | 79 68 | 81 60 | 87 67 | 82 61 | 87 68 | 77 68 | 87 87 | 76.6 61.4 | |
| LAMBERTVILLE | MAX MIN | 79 54 | 85 52 | 85 67 | 82 70 | 85 63 | 84 65 | 80 48 | 76 44 | 77 46 | 79 47 | 83 44 | 82 59 | 78 55 | 76 63 | 80 61 | 85 55 | 90 63 | 87 66 | 80 50 | 80 57 | 82 51 | 79 56 | 84 64 | 88 70 | 84 64 | 88 51 | 90 55 | 88 56 | 86 66 | 83.0 57.5 | |
| LAURELTON 1 E | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | MAX MIN | 80 61 | 81 46 | 83 47 | 80 55 | 85 60 | 80 52 | 75 41 | 80 37 | 75 58 | 77 59 | 84 43 | 76 54 | 78 56 | 72 46 | 74 51 | 80 53 | 80 60 | 75 62 | 68 47 | 78 56 | 80 46 | 75 52 | 80 65 | 84 65 | 83 65 | 76 48 | 87 50 | 86 53 | 83 62 | 88 62 | 79.4 53.0 |
| LITTLE FALLS 1 E | MAX MIN | 78 47 | 79 53 | 87 64 | 85 68 | 79 65 | 88 65 | 82 68 | 80 46 | 79 49 | 75 48 | 80 54 | 85 55 | 71 56 | 81 58 | 70 56 | 80 60 | 82 64 | 81 53 | 82 58 | 80 52 | 84 60 | 80 68 | 86 70 | 86 64 | 82 64 | 86 52 | 91 60 | 90 60 | 80 64 | 82.1 56.9 | |
| LONG BRANCH | MAX MIN | 79 59 | 81 57 | 75 68 | 75 66 | 84 65 | 75 66 | 75 58 | 70 55 | 70 56 | 72 54 | 79 49 | 77 64 | 80 59 | 69 64 | 74 63 | 84 60 | 82 65 | 82 63 | 72 59 | 80 55 | 77 55 | 72 57 | 79 66 | 88 69 | 81 62 | 86 60 | 85 62 | 85 62 | 78 67 | 89 87 | 78.5 61.0 |
| LONG VALLEY | MAX MIN | 77 56 | 85 58 | 80 68 | 83 63 | 79 65 | 75 60 | 74 42 | 77 47 | 73 42 | 81 43 | 82 45 | 74 55 | 68 63 | 69 60 | 82 52 | 87 60 | 87 65 | 78 55 | 77 57 | 78 51 | 76 53 | 82 61 | 83 62 | 80 60 | 86 51 | 88 61 | 87 60 | 82 62 | 87 60 | 80.0 56.7 | |
| MILLVILLE | MAX MIN | 81 57 | 80 59 | 86 68 | 88 68 | 78 67 | 83 65 | 83 57 | 79 56 | 76 51 | 77 50 | 77 49 | 83 61 | 80 64 | 79 65 | 75 65 | 83 59 | 83 67 | 86 69 | 82 57 | 79 61 | 85 58 | 80 63 | 76 65 | 86 68 | 80 69 | 83 57 | 86 59 | 88 59 | 86 64 | 82.0 61.4 | |
| MOORESTOWN | MAX MIN | 78 60 | 85 56 | 82 70 | 78 66 | 85 64 | 81 64 | 77 54 | 76 51 | 75 48 | 73 47 | 82 46 | 81 65 | 78 58 | 75 64 | 84 63 | 85 60 | 87 63 | 81 53 | 82 61 | 81 55 | 76 622 | | | | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
JUNE 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 79 | 85 | 82 | 61 | 83 | 81 | 80 | 77 | 77 | 74 | 81 | 81 | 79 | 78 | 84 | 82 | 85 | 80 | 77 | 79 | 83 | 80 | 75 | 84 | 88 | 80 | 86 | 87 | 85 | 83 | 80.9 | |
| | MIN | 57 | 59 | 57 | 67 | 65 | 65 | 53 | 55 | 50 | 49 | 49 | 64 | 63 | 64 | 65 | 60 | 67 | 67 | 60 | 55 | 56 | 56 | 61 | 67 | 67 | 57 | 60 | 58 | 59 | 66 | 60.6 | |
| SOMERVILLE | MAX | 78 | 85 | 84 | 79 | 83 | 82 | 78 | 76 | 76 | 77 | 88 | 81 | 79 | 74 | 76 | 85 | 88 | 84 | 81 | 80 | 82 | 78 | 84 | 87 | 83 | 88 | 90 | 88 | 85 | 89 | 82.3 | |
| | MIN | 54 | 51 | 65 | 68 | 62 | 65 | 49 | 48 | 48 | 45 | 45 | 58 | 54 | 64 | 61 | 53 | 61 | 65 | 51 | 61 | 52 | 52 | 61 | 71 | 64 | 60 | 55 | 55 | 62 | 65 | 57.5 | |
| SUSSEX | MAX | 74 | 72 | 82 | 83 | 75 | 85 | 75 | 73 | 75 | 78 | 74 | 80 | 75 | 77 | 65 | 71 | 81 | 83 | 75 | 80 | 73 | 78 | 75 | 81 | 83 | 82 | 79 | 85 | 85 | 78 | 77.7 | |
| | MIN | 56 | 48 | 50 | 62 | 63 | 60 | 48 | 42 | 42 | 38 | 45 | 52 | 52 | 52 | 52 | 54 | 55 | 58 | 50 | 59 | 51 | 53 | 56 | 61 | 63 | 62 | 53 | 55 | 58 | 63 | 53.8 | |
| TOMS RIVER | MAX | 79 | 87 | 83 | 79 | 80 | 83 | 82 | 73 | 72 | 76 | 85 | 83 | 79 | 77 | 82 | 85 | 89 | 85 | 80 | 81 | 79 | 76 | 83 | 89 | 84 | 80 | 89 | 88 | 82 | 90 | 82.0 | |
| | MIN | 51 | 51 | 62 | 65 | 65 | 65 | 45 | 49 | 44 | 42 | 41 | 57 | 58 | 63 | 63 | 55 | 63 | 62 | 52 | 65 | 54 | 56 | 64 | 70 | 67 | 54 | 54 | 55 | 56 | 61 | 57.0 | |
| TRENTON WB CITY | MAX | 78 | 85 | 82 | 76 | 84 | 81 | 77 | 76 | 73 | 73 | 82 | 81 | 78 | 72 | 81 | 84 | 87 | 81 | 80 | 80 | 79 | 76 | 83 | 86 | 83 | 87 | 90 | 87 | 81 | 88 | 81.0 | |
| | MIN | 60 | 61 | 70 | 68 | 66 | 62 | 55 | 55 | 55 | 53 | 53 | 63 | 60 | 64 | 62 | 61 | 66 | 60 | 56 | 62 | 59 | 63 | 66 | 70 | 65 | 62 | 64 | 65 | 66 | 68 | 62.0 | |
| TUCKERTON | MAX | 80 | 82 | 80 | 77 | 78 | 84 | 83 | 71 | 70 | 70 | 75 | 80 | 80 | 75 | 80 | 82 | 81 | 84 | 80 | 84 | 83 | 75 | 80 | 87 | 83 | 85 | 87 | 84 | 80 | 90 | 80.3 | |
| | MIN | 55 | 48 | 68 | 66 | 65 | 65 | 51 | 51 | 44 | 47 | 43 | 63 | 60 | 63 | 64 | 57 | 68 | 68 | 50 | 62 | 54 | 62 | 67 | 69 | 67 | 54 | 57 | 56 | 68 | 64 | 59.2 | |
| WOODSTOWN | MAX | 81 | 87 | 85 | 84 | 85 | 83 | 78 | 78 | 77 | 75 | 83 | 81 | 78 | 75 | 85 | 85 | 88 | 84 | 82 | 84 | 82 | 75 | 85 | 90 | 86 | | 90 | 89 | 87 | 89 | 83.1 | |
| | MIN | 57 | 58 | 69 | 67 | 65 | 65 | 57 | 54 | 49 | 49 | 46 | 61 | 65 | 63 | 65 | 57 | 62 | 68 | 55 | 59 | 59 | 61 | 67 | 68 | 67 | 53 | | 52 | 65 | 63 | 60.2 | |

EVAPORATION AND WIND

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|--------------------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AIRPORT | EVAP | .31 | .35 | .18 | .10 | .14 | .30 | .34 | .37 | .29 | .27 | .27 | .15 | .15 | .06 | .19 | .25 | * | .68 | .31 | .31 | .34 | .20 | .09 | .24 | .53 | .40 | .40 | .38 | .39 | .07 | 8.06 |
| | WIND | 79 | 90 | 111 | 70 | 57 | 84 | 95 | 74 | 53 | 75 | 64 | 56 | 52 | 60 | 100 | 70 | 130 | 110 | 127 | 93 | 71 | 53 | 38 | 46 | 188 | 82 | 78 | 72 | 101 | 85 | 246.4 |
| | MIN | 85 | 86 | 86 | 85 | 89 | 89 | 88 | 84 | 84 | 81 | 84 | 80 | 85 | 82 | 89 | 90 | 94 | 90 | 84 | 88 | 78 | 78 | 87 | 95 | 90 | 88 | 91 | 91 | 83 | 91 | 86.5 |
| CANOE BROOK | EVAP | .17 | .10 | .16 | .13 | .02 | .22 | .23 | .18 | .20 | .16 | .17 | * | * | .24 | * | * | * | * | .27 | .13 | .13 | .08 | .06 | .06 | .07 | .25 | .22 | .22 | .25 | .05 | 3.77 |
| | WIND | 23 | 16 | 17 | 33 | 16 | 20 | 31 | 18 | 14 | 23 | 24 | 11 | 11 | 10 | 29 | 6 | 19 | 28 | 41 | 12 | 31 | 12 | 18 | 17 | 34 | 75 | 10 | 19 | 32 | 20 | 670 |
| | MIN | 61 | 61 | 66 | 67 | 68 | 68 | 56 | 62 | 55 | 53 | 52 | 62 | 65 | 66 | 67 | 64 | 70 | 68 | 62 | 62 | 57 | 64 | 68 | 71 | 65 | 59 | 63 | 62 | 68 | 67 | 63.3 |

See Reference Notes Following Station Index

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1959 - 1960

NEW JERSEY

| Station | July | August | September | October | November | December | January | February | March | April | May | June | Total | Long-term means July-June |
|-------------------------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|------|-------|---------------------------|
| ATLANTIC CITY W8 AP | 0 | 0 | 48 | 254 | 586 | 799 | 914 | 816 | 1009 | 311 | 140 | 12 | 4889 | 4741 |
| ATLANTIC CITY | 0 | 0 | 39 | 215 | 551 | 709 | 865 | 800 | 988 | 368 | 157 | 12 | 4704 | |
| AUDUBON | 0 | 0 | 37 | 229 | 582 | 810 | 914 | 817 | 948 | 260 | 102 | 4 | 4703 | |
| BELLEPLAIN | 0 | 0 | 55 | 235 | 549 | 762 | 887 | 785 | 983 | 256 | 144 | 15 | 4671 | |
| BELVIDERE | 0 | 1 | 75 | 293 | 656 | 952 | 1031 | 877 | 1067 | 319 | 158 | 21 | 5450 | |
| BOONTON 2 SE | 0 | 4 | 83 | 314 | 666 | 936 | 1065 | 910 | 1076 | 374 | 187 | 23 | 5638 | |
| BURLINGTON | 0 | 0 | 34 | 225 | 597 | 827 | 979 | 782 | 938 | 368 | 88 | 0 | 5635 | |
| CANOE BROOK | 0 | 10 | 79 | 308 | 651 | 956 | 1063 | 900 | 1076 | 368 | 196 | 28 | 5635 | |
| CAPE MAY 3 W | 0 | 0 | 25 | 153 | 482 | 0 | 866 | 750 | 919 | 285 | 109 | 2 | 3591 | |
| CHARLOTTEBURG | 8 | 16 | 125 | 377 | 730 | 994 | 1128 | 974 | 1171 | 430 | 245 | 56 | 6254 | |
| CHATSWORTH | | | | | | | | | | | 139 | 17 | | |
| CLAYTON | 0 | 0 | 53 | 239 | 568 | 779 | 911 | 830 | 995 | 248 | 133 | 7 | 4763 | |
| ELIZABETH | 0 | 0 | 42 | 258 | 597 | 870 | 979 | 826 | 980 | 328 | 134 | 6 | 5020 | |
| ESSEX FIELDS SERV 8 LOG | 0 | 0 | 68 | 262 | 683 | 939 | 1081 | 891 | 1063 | | 132 | 8 | | |
| FLEMINGTON 1 NE | 0 | 0 | 67 | 298 | 651 | 936 | 1027 | 866 | 1053 | 350 | 179 | 16 | 5443 | |
| FREEHOLD | 0 | 0 | 55 | 258 | 583 | 872 | 955 | 830 | 1003 | 322 | 137 | 9 | 5024 | |
| HAMMONTON 2 NNE | 0 | 0 | 57 | 271 | 607 | 867 | 950 | 807 | 1009 | 270 | 112 | 10 | 4960 | |
| HIGH POINT PARK | 9 | 21 | 123 | 464 | 834 | 1112 | 1256 | 1108 | 1285 | 449 | 256 | 55 | 6972 | |
| HIGHTSTOWN 1 N | 0 | 0 | 59 | 268 | 580 | 885 | 968 | 829 | 1002 | 312 | 131 | 13 | 5047 | |
| INOJAN MILLS 2 W | 0 | 1 | 68 | 281 | 618 | 861 | 956 | 827 | 1022 | 305 | 152 | 20 | 5111 | |
| JERSEY CITY | 0 | 2 | 59 | 271 | 634 | 880 | 1006 | 882 | 1017 | 402 | 164 | 10 | 5327 | |
| LAMBERTVILLE | 0 | 0 | 56 | 259 | 613 | 896 | 974 | 831 | 1008 | 310 | 138 | 12 | 5097 | |
| LAURELTON 1 E | 0 | 0 | 60 | 276 | 639 | 883 | 985 | 836 | | 380 | 184 | | | |
| LAYTON 3 NW | 1 | 6 | 94 | 322 | 731 | 1020 | 1113 | 970 | 1148 | 390 | 216 | 36 | 6047 | |
| LITTLE FALLS 1 E | 0 | 2 | 56 | 271 | 595 | 892 | 1000 | 846 | 994 | 326 | 138 | 14 | 5134 | |
| LONG BRANCH | 0 | 0 | 48 | 253 | 585 | 819 | 943 | 833 | 1009 | 389 | 173 | 10 | 5062 | |
| LONG VALLEY | 0 | 11 | 93 | 318 | 698 | 946 | 1052 | 914 | 1096 | 353 | 182 | 22 | 5685 | |
| MILLVILLE | 0 | 0 | 46 | 237 | 573 | 804 | 910 | 791 | 982 | 258 | 109 | 4 | 4714 | |
| MOORESTOWN | 0 | 0 | 48 | 264 | 620 | 846 | 937 | 823 | 993 | 298 | 132 | 10 | 4971 | |
| MORRIS PLAINS | 0 | 5 | 83 | 317 | 696 | 958 | 1072 | 917 | 1080 | 389 | 208 | 32 | 5757 | |
| NEWARK W8 AIRPORT | 0 | 0 | 39 | 233 | 578 | 832 | 940 | 827 | 959 | 322 | 114 | 0 | 4844 | 5252 |
| NEW BRUNSWICK EXP STA | 0 | 0 | 60 | 267 | 600 | 896 | 985 | 842 | 989 | 309 | 135 | 7 | 5090 | |
| NEWTON | 5 | 13 | 119 | 365 | 708 | 1022 | 1151 | 981 | 1155 | 394 | 242 | 53 | 6208 | |
| PATERSON | 0 | 4 | 45 | 268 | 592 | 874 | 1003 | 852 | 1006 | 332 | 142 | 14 | 5132 | |
| PEMBERTON 3 E | 0 | 0 | 54 | 250 | 571 | 847 | 940 | 800 | 1003 | 279 | 143 | 11 | 4898 | |
| PHILLIPSBURG | 0 | 3 | 50 | 252 | 599 | 871 | 979 | 842 | 1018 | 298 | 135 | 13 | 5060 | |
| PLAINFIELD | 0 | 0 | 54 | 266 | 601 | 886 | 989 | 830 | 972 | 313 | 151 | 5 | 5067 | |
| RIDGEFIELD | 0 | 2 | 54 | 260 | 636 | 882 | 995 | 852 | 977 | 326 | | | | |
| SHILOH | 0 | 0 | 40 | 226 | 552 | 784 | 916 | 786 | 972 | 268 | 131 | 4 | 4679 | |
| SOMERVILLE | 0 | 0 | 59 | 285 | 632 | 917 | 998 | 857 | 1027 | 337 | 153 | 11 | 5276 | |
| SUSSEX 3 N | 2 | 9 | 119 | 357 | 727 | 1045 | 1173 | 996 | 1186 | 396 | 213 | 47 | 6270 | |
| TOMS RIVER | | | | | 580 | 875 | 947 | 797 | 1000 | 346 | 164 | 20 | | |
| TRENTON W8 CITY | 0 | 0 | 48 | 254 | 598 | 837 | 932 | 828 | 983 | 294 | 106 | 3 | 4883 | 5068 |
| TUCKERTON | 0 | 4 | 247 | 577 | 804 | 935 | 799 | 799 | 1009 | 354 | 180 | 24 | | |
| WOODSTOWN | 0 | 0 | 43 | 221 | 559 | 800 | 908 | 799 | 965 | 250 | 123 | 5 | 4673 | |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 72 | 72 | 75 | 70 | 80 | 80 | 76 | 76 | 75 | 77 | 82 | 70 | 73 | 69 | 72 | 81 | 81 | 81 | 81 | 84 | 81 | 77 | 76 | 80 | 83 | 83 | 89 | 90 | 77 | 90 | 78.5 | |
| | MIN | 60 | 60 | 63 | 65 | 68 | 65 | 62 | 61 | 58 | 58 | 59 | 64 | 62 | 65 | 64 | 62 | 67 | 67 | 64 | 66 | 63 | 64 | 66 | 69 | 65 | 63 | 64 | 64 | 67 | 68 | 63.6 | |
| 2 INCHES | MAX | 71 | 70 | 75 | 70 | 80 | 80 | 76 | 76 | 75 | 77 | 81 | 70 | 73 | 69 | 72 | 81 | 81 | 80 | 81 | 83 | 81 | 77 | 78 | 80 | 83 | 83 | 87 | 87 | 76 | 88 | 78.0 | |
| | MIN | 60 | 60 | 63 | 65 | 66 | 65 | 62 | 61 | 58 | 58 | 59 | 64 | 62 | 65 | 64 | 62 | 67 | 67 | 64 | 66 | 63 | 64 | 66 | 69 | 65 | 63 | 64 | 64 | 63 | 68 | 63.8 | |
| 4 INCHES | MAX | 67 | 66 | 69 | 68 | 74 | 73 | 71 | 73 | 69 | 70 | 72 | 68 | 70 | 68 | 66 | 74 | 75 | 75 | 75 | 74 | 76 | 73 | 77 | 75 | 75 | 76 | 77 | 73 | 77 | 72.4 | | |
| | MIN | 61 | 61 | 63 | 65 | 65 | 67 | 64 | 63 | 62 | 61 | 62 | 65 | 63 | 65 | 64 | 63 | 67 | 68 | 66 | 69 | 65 | 64 | 66 | 69 | - | 63 | 66 | 64 | 63 | 69 | 64.8 | |
| 8 INCHES | MAX | 64 | 64 | 66 | 67 | 70 | 70 | 68 | 69 | 67 | 68 | 68 | 67 | 68 | 67 | 68 | 70 | 71 | 71 | 72 | 72 | 70 | 69 | 70 | 70 | 70 | 71 | 72 | 70 | 73 | 89.0 | | |
| | MIN | 61 | 61 | 63 | 65 | 65 | 67 | 65 | 64 | 63 | 63 | 65 | 64 | 65 | 66 | 65 | 64 | 67 | 67 | 67 | 67 | 67 | 66 | 66 | 68 | 67 | 66 | 67 | 67 | 69 | 68 | 85.5 | |
| 12 INCHES | MAX | 61 | 62 | 64 | 65 | 67 | 67 | 67 | 66 | 65 | 65 | 66 | 66 | 66 | 65 | 65 | 67 | - | - | - | - | 70 | 68 | 68 | 69 | 68 | 68 | 68 | 69 | - | 70 | 66.8 | |
| | MIN | 60 | 60 | 62 | 63 | 65 | 66 | 66 | 66 | 64 | 64 | 64 | 63 | 64 | 64 | 65 | 64 | 64 | 67 | 67 | - | - | 68 | 65 | 67 | - | 67 | 66 | 67 | 68 | - | 68 | 65.2 |
| 16 INCHES | MAX | 60 | 61 | 63 | 64 | 65 | 66 | 66 | 65 | 64 | 64 | 64 | 64 | 65 | 65 | 64 | 64 | 65 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 64.6 | |
| | MIN | 59 | 60 | 61 | 62 | 64 | 65 | 64 | 64 | 63 | 65 | 63 | 64 | 64 | 64 | 64 | 64 | 64 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 67 | 67 | 68 | 68 | 65.0 | |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Electronik Potentiometer.

CLIMATOLOGICAL DATA

NEW JERSEY
DELAYED DATA

| Station | Temperature | | | | | | | | | | Precipitation | | | | | | | | | | | | | | | | | | |
|---------------|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|-------------|-------------|--------------|-------|------------------------|------|-------------|-------------|--------------|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | | | | | | | |
| | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More | | | | | | |
| | | | | | | | | | | 90° or Above | 80° or Above | 70° or Above | 60° or Above | | | | | | | | | | | Total | Max Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| | | | | | | | | | | 50° or Below | 40° or Below | 30° or Below | 20° or Below | | | | | | | | | | | | | | | | |
| FEBRUARY 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUCKERTON | 45.7 | 28.6 | 37.2 | | 58 | 9 | 15 | 3 | 799 | 0 | 0 | 0 | 22 | 3.71 | | 1.50 | 19 | | | | 4 | 4 | 1 | | | | | | |

DAILY PRECIPITATION

| Station | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total |
|---------------|--------------|---|---|---|---|-----|-----|---|---|----|-----|------|----|----|----|----|----|-----|-----|------|----|-----|----|----|-----|----|----|-----|-----|----|----|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| DECEMBER 1959 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | | | | | | .69 | .10 | | | | | 1.13 | | | | | | .01 | .33 | | | .41 | T | | | | | .36 | .17 | | | 3.20 |
| FEBRUARY 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUCKERTON | | | | | | .80 | | | | | .80 | | | | | | | | .60 | 1.50 | | | | | .01 | | | | | | | 3.71 |

DAILY TEMPERATURES

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| FEBRUARY 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUCKERTON | MAX | 42 | 40 | 40 | 47 | 45 | 55 | 48 | 42 | 58 | 55 | 57 | 53 | 38 | 43 | 35 | 45 | 48 | 50 | 49 | 49 | 38 | 44 | 42 | 44 | 41 | 52 | 42 | 44 | 39 | | 45.7 | |
| | MIN | 35 | 24 | 15 | 20 | 20 | 39 | 26 | 25 | 29 | 40 | 47 | 32 | 23 | 22 | 21 | 20 | 28 | 23 | 29 | 26 | 19 | 27 | 23 | 20 | 73 | 37 | 30 | 23 | 22 | | 28.6 | |

DAILY SOIL TEMPERATURES

NEW JERSEY
DELAYED DATA

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | | | | |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | |
| APRIL 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 56 | 46 | 42 | 42 | 58 | 53 | 45 | 46 | 46 | - | 46 | 47 | 49 | 50 | 54 | 58 | 51 | 54 | 54 | 53 | 52 | 55 | 57 | 61 | 51 | 59 | 50 | 66 | 50 | 62 | 59 | 58 | 63 | 50 | 56 | 53.8 |
| | MIN | 47 | 42 | 41 | 43 | 44 | 40 | 40 | 41 | 40 | - | 40 | 38 | 42 | 43 | 44 | 54 | 51 | 51 | 49 | 48 | 45 | 42 | 46 | 51 | 51 | 51 | 50 | 50 | 54 | 53 | 50 | 49 | 50 | 46.0 | | |
| 2 INCHES | MAX | 54 | 48 | 43 | 56 | 53 | 46 | 46 | 46 | - | 46 | 47 | 49 | 50 | 54 | 58 | 55 | 54 | 53 | 52 | 55 | 56 | 61 | 60 | 59 | 66 | 62 | 58 | 58 | 63 | 56 | 53 | 50 | 49 | 50 | 53.8 | |
| | MIN | 47 | 43 | 42 | 42 | 45 | 42 | 41 | 40 | - | 40 | 38 | 42 | 43 | 44 | 51 | 51 | 51 | 49 | 48 | 43 | 43 | 46 | 57 | 51 | 51 | 50 | 51 | 55 | 53 | 50 | 49 | 50 | 46.2 | | | |
| 4 INCHES | MAX | 53 | 48 | 43 | 55 | 53 | 45 | 45 | 46 | - | 46 | 47 | 49 | 50 | 54 | 58 | 55 | 54 | 53 | 52 | 55 | 56 | 61 | 60 | 59 | 66 | 58 | 55 | 55 | 57 | 54 | 50 | 51 | 51 | 53.1 | | |
| | MIN | 47 | 43 | 42 | 42 | 44 | 41 | 41 | 40 | - | 40 | 38 | 42 | 43 | 44 | 51 | 51 | 51 | 49 | 49 | 45 | 43 | 46 | 52 | 51 | 50 | 51 | 54 | 53 | 52 | 50 | 50 | 51 | 46.2 | | | |
| 8 INCHES | MAX | 50 | 49 | 45 | 51 | 51 | 47 | 44 | 44 | - | 44 | 45 | 46 | 48 | 50 | 53 | 53 | 52 | 52 | 50 | 49 | 51 | 54 | 56 | 59 | 56 | 56 | 55 | 54 | 54 | 54 | 54 | 54 | 50.5 | | | |
| | MIN | 47 | 48 | 43 | 43 | 46 | 43 | 42 | 42 | - | 41 | 40 | 43 | 44 | 45 | 49 | 51 | 49 | 50 | 47 | 46 | 48 | 50 | 51 | 51 | 51 | 51 | 54 | 53 | 52 | 52 | 52 | 52 | 47.2 | | | |
| 12 INCHES | MAX | 47 | 46 | 45 | - | - | - | - | - | - | 48 | - | - | 46 | 48 | 51 | 54 | 54 | 50 | 50 | 49 | - | - | - | - | - | - | 54 | 54 | 53 | 53 | 53 | 53 | 49.3 | | | |
| | MIN | 45 | 45 | 43 | - | - | - | - | - | - | 42 | - | - | 44 | 45 | 48 | 50 | 49 | 50 | 48 | 48 | 48 | - | - | - | 51 | - | 53 | 53 | 52 | 52 | 52 | 52 | 47.6 | | | |
| 16 INCHES | MAX | 45 | 45 | 44 | 46 | 47 | 40 | 44 | 43 | - | 43 | 43 | 44 | 45 | 47 | 49 | 49 | 49 | 50 | 49 | 48 | 49 | 50 | 50 | 51 | 51 | 53 | 53 | 52 | 52 | 52 | 52 | 52 | 47.8 | | | |
| | MIN | 44 | 44 | 43 | 43 | 46 | 44 | 45 | 43 | - | 42 | 42 | 43 | 44 | 43 | 47 | 49 | 48 | 49 | 48 | 47 | 48 | 49 | 50 | 50 | 50 | 50 | 51 | 52 | 51 | 51 | 52 | 46.8 | | | | |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Elektronik Potentiometer.

CORRECTIONS

MONTH: DECEMBER 1959

Daily Precipitation Table:
Millville

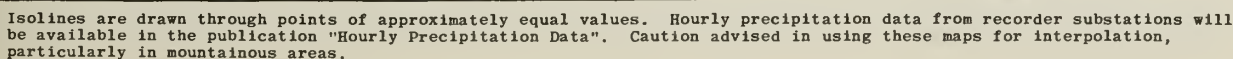
Delete all precipitation for entire month; see delayed data for corrected data.

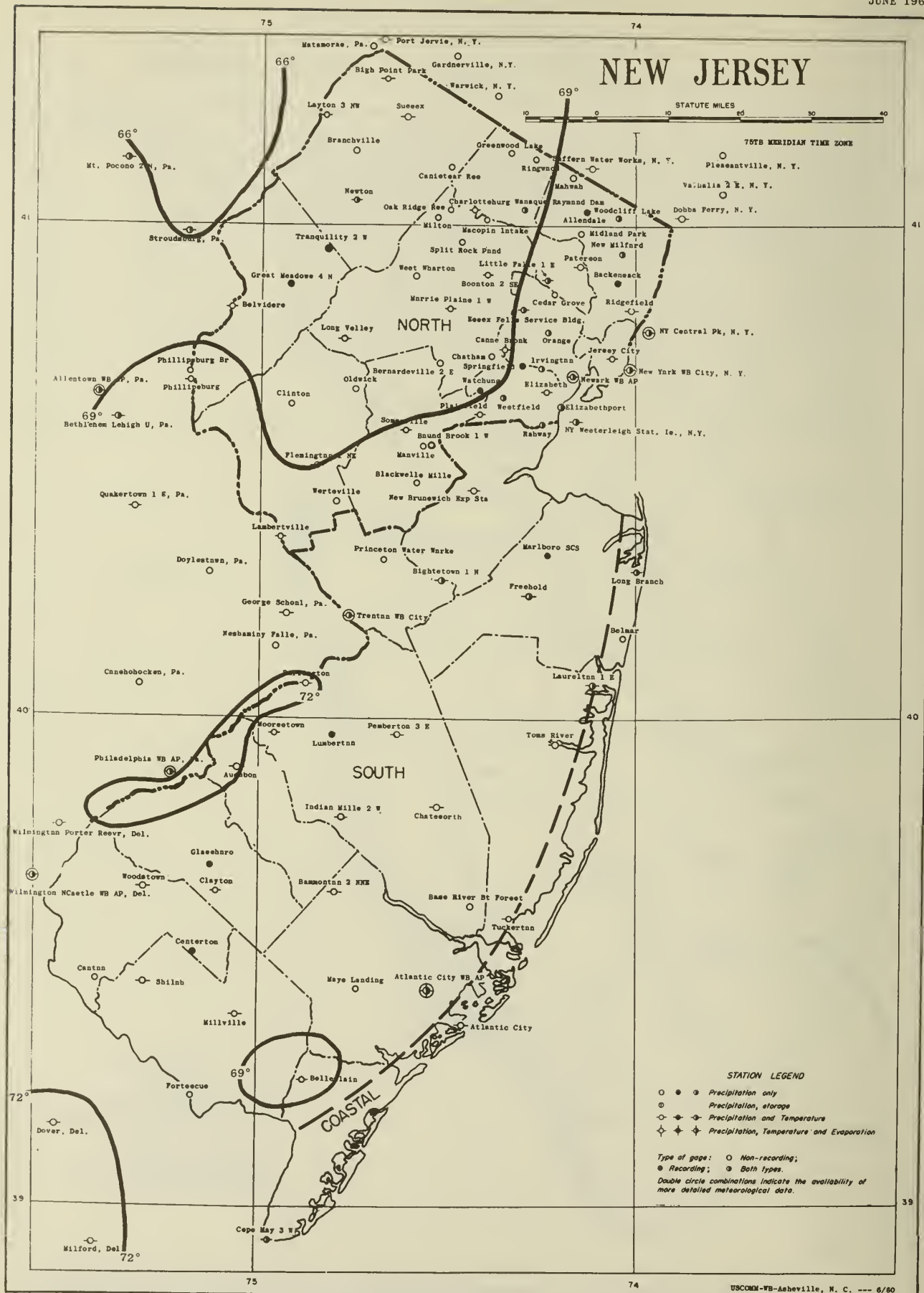
MONTH: MAY 1960

Cover Page:

The name of the Secretary of Commerce should be Frederick H. Mueller

NEW JERSEY
JUNE 1960





Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
JUNE 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|--------------------|----------|--------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL USE SYMBOL | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AR | 0111 | ATLANTIC | 1 | 39 27 | 74 15 | 58 | MID | MID | 7P | C HJ | | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | | | | STATE MARINA |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0578 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | 6R | | | | H | M. J. FORESTRY SERVICE |
| BELLERAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | 5P | | | | MRS. E. C. HOFFMAN |
| BEHMAN | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | | BEHMAN WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | M | CLEMENT HAURY |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 12 | 240 | 7A | | | | | BERNARDS WATER COMPANY |
| BLACKWELLS HILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | HENRY M. MILLER |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLF | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | | ALBERT M. OVENRODT |
| BURLINGTON | 1221 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6R | 6P | | | | PUBLIC SVCS. E. & G. CO. |
| CANISTEER RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1334 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5R | 5R | | | | M. WEST MAGNUSITE CO. |
| CEDAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | | J. A. BLUMETT |
| CENTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | C | JOHN HOKINS UN. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | | H. NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | EDWARD R. HOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | | EARL M. KERCHER |
| CLATTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | | H. WARR R. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | | L. M. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5R | 5R | | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | C | SEWAGE TREATMENT PLANT |
| ESSEX FIELDS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 280 | 8A | | | | | BOROUGH ESSEX FIELDS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | H | DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOBER |
| FREHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | C H | FRANK J. MOPEAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 47 | 75 07 | 150 | 8A | | | | C | PROF. J. B. SANDREE |
| GREAT MEADOWS & H | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | C | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NHE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST |
| HIGH POINT RADE | 3835 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | | M. J. DERTLOF CONES |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | C H | JAMES P. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | M | EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | C | JOINT MEETING GARAGE |
| JERSEY CITY | 4336 | HUSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | H. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | C H | GEORGE G. WOODILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 75 | 74 41 | 480 | 6P | 6P | | | H | A. M. DEPUIS |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | 9A | | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 16 | 73 59 | 34 | MID | MID | | | C HJ | WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | H | ARTHUR PARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | C | JAMES LAWTON |
| MACORIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | | NEWARK WATER DEPT. |
| MANHAW | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | C | GEORGE BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | H | ELMER EARLE |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 08 | 210 | MID | | | | | RODEMOUNT WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | C H | L. J. GALLAHER |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | | | | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | | | M. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | | | | | M. JAMES C. LONG |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 47 | 74 10 | 11 | MID | MID | | | C HJ | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | | GH | ARTHUR M. ANLOUST |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | | | | C H | NEWTON WTR. & SWR. COMM. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | | NEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | | JOHN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | | C | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | | | | | H. P. J. DEL VECCHIO |
| REMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 5P | 5P | | | | H. RAILLIE E. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | | M. SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6976 | WARREN | 2 | 40 42 | 75 12 | 198 | 9A | | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | | | M. MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | MID | | | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | | C H | RAHWAY VLY. SWG. AUTH. |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | | | | | M. GEORGE R. KIRSTEN |
| RINGWOOD | 7687 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | | NO. JERSEY WTR. SUPPLY |
| SHILON | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | | EVERETT OICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | | M. E. HAYES |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | | JERSEY CITY D. & P. W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | C | N. J. DEPT. OF COMS. |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | BRICE D. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | C | M. J. ERVEY |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | | C HJ | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 34 | 74 20 | 10 | 6P | 6P | | | | REV. WALTER T. GANDEK |
| WANAQUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | | C | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | | BONNIE RUPN. SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | | ROBERT M. MANNERS |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 134 | 5P | | | | C | CITY ENGINEER |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | | N. J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | | CREAM VALLEY DAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUSON; 6-AURICE; 7-MULICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JULY 1960
Volume 65 No. 7



ASHEVILLE: 1960

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NEW JERSEY - JULY 1960

TEMPERATURE AND PRECIPITATION EXTREMES†

Highest Temperature: 95° on the 13th at Flemington 1 NE

Lowest Temperature: 47° on the 16+ at 4 Stations

Greatest Total Precipitation: 11.14 inches at Rahway

Least Total Precipitation: 4.23 inches at High Point Park

Greatest One-Day Precipitation: 5.40 inches on the 30th at Jersey City

SPECIAL WEATHER SUMMARY

Three severe storms marked the month of July in New Jersey. On July 1st a small tornado, beginning as a waterspout over Barnegat Bay, passed over Highway No. 528 at Mantoloking, then continued across the Bay, passing over Bay Head, and then into the Atlantic Ocean. Two buildings at Mantoloking were unroofed, several boats were overturned, and power lines were damaged. No casualties were reported.

On July 14th a tornado struck Carney's Point in Salem County, lifted from the ground and increased in intensity, then dropped again at Jefferson in Gloucester County, and continued to Barnsboro and Sewell, also in Gloucester County. One large barn was demolished, several other barns and farm buildings were damaged; several houses suffered roof damage, and many trees were uprooted. Five persons were injured.

Tropical Storm BRENDA passed over Delaware Bay and moved along a northeasterly

course over the central portion of southern New Jersey, then passed off the North Jersey Coast and into the Atlantic Ocean on the morning of July 30th. The greatest rainfall from the storm was reported at Jersey City where 5.40 inches of rain fell between 12:30 a.m. and 3:30 p.m. on July 30th. The greatest tide departure was about 3 feet above normal, and occurred at time of low tide, so no tidal flooding occurred. Streets and highways were flooded in many localities due to the excessive rate of rainfall. A broken dam at Woolman Lake, near Mount Holly, resulted in flooding in the business section of Mount Holly. The fastest wind reported was 37 mph from the ENE at Atlantic City Airport. No deaths or injuries were reported as directly attributable to BRENDA.

Donald V. Dunlap
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
JULY 1960

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|----|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|---------------|---------------|----------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 82.5 | 58.1 | 70.3 | - 5.2 | 89 | 9 | 49 | 8 | 1 | 0 | 0 | 0 | 0 | 5.47 | .10 | 1.84 | 30 | .0 | 0 | | 7 | 5 | 1 |
| BOONTON 2 SE | AM | 82.3 | 59.1 | 70.7 | - 2.3 | 89 | 14+ | 52 | 15 | 3 | 0 | 0 | 0 | 0 | 7.81 | 3.61 | 1.53 | 28 | .0 | 0 | | 11 | 6 | 5 |
| CANOE BROOK | AM | 82.6 | 59.9 | 71.3 | - 1.8 | 90 | 14 | 51 | 8+ | 1 | 1 | 0 | 0 | 0 | 6.31 | 1.69 | 1.36 | 30 | .0 | 0 | | 9 | 6 | 3 |
| CHARLOTTEBURG | AM | 79.7 | 55.6 | 67.7 | - 3.5 | 87 | 14+ | 47 | 5 | 16 | 0 | 0 | 0 | 0 | 7.02 | 2.29 | 1.60 | 31 | .0 | 0 | | 9 | 5 | 3 |
| ELIZABETH | | 84.1 | 59.9 | 72.0 | - 4.0 | 91 | 9 | 54 | 21+ | 0 | 3 | 0 | 0 | 0 | 8.05 | 3.67 | 2.73 | 30 | .0 | 0 | | 7 | 6 | 3 |
| ESSEX FELS SERV BLDG | AM | 83.7 | 63.6 | 73.7 | | 90 | 14+ | 55 | 21 | 0 | 3 | 0 | 0 | 0 | 8.46 | | 1.85 | 28 | .0 | 0 | | 10 | 6 | 5 |
| FLEMINGTON 1 NE | | 86.3 | 58.7 | 72.5 | - 3.2 | 95 | 13 | 47 | 8 | 1 | 8 | 0 | 0 | 0 | 8.39 | 4.01 | 2.64 | 27 | .0 | 0 | | 7 | 4 | 3 |
| HIGH POINT PARK | AM | 79.0 | 56.9 | 68.0 | | 87 | 13 | 48 | 4 | 25 | 0 | 0 | 0 | 0 | 4.23 | | 1.05 | 4 | .0 | 0 | | 8 | 4 | 1 |
| JERSEY CITY | | 79.3 | 64.4 | 71.9 | - 3.8 | 88 | 9 | 59 | 21+ | 0 | 0 | 0 | 0 | 0 | 10.10 | 6.14 | 5.40 | 30 | .0 | 0 | | 8 | 4 | 4 |
| LAMBERTVILLE | | 84.8 | 60.9 | 72.9 | - 2.0 | 90 | 13+ | 51 | 6 | 0 | 3 | 0 | 0 | 0 | 8.12 | 3.65 | 2.50 | 30 | .0 | 0 | | 8 | 4 | 4 |
| LAYTON 3 NW | | 82.1 | 57.8 | 70.0 | - 1.8 | 88 | 29+ | 48 | 8+ | 13 | 0 | 0 | 0 | 0 | 5.82 | .91 | 2.23 | 30 | .0 | 0 | | 8 | 3 | 1 |
| LITTLE FALLS 1 E | AM | 84.7 | 60.7 | 72.7 | - 2.2 | 92 | 13 | 53 | 16+ | 0 | 5 | 0 | 0 | 0 | 9.84 | 5.34 | 2.79 | 28 | .0 | 0 | | 11 | 5 | 4 |
| LONG VALLEY | | 82.2 | 56.0 | 69.1 | | 89 | 13 | 47 | 8 | 5 | 0 | 0 | 0 | 0 | 8.88 | 3.74 | 2.88 | 30 | .0 | 0 | | 8 | 6 | 4 |
| MORRIS PLAINS | AM | 82.2 | 59.1 | 70.7 | | 90 | 13 | 50 | 6 | 2 | 1 | 0 | 0 | 0 | 8.73 | | 2.13 | 28 | .0 | 0 | | 10 | 7 | 4 |
| NEWARK WB AIRPORT | R | 84.5 | 65.2 | 74.9 | - .4 | 92 | 9 | 60 | 15+ | 0 | 2 | 0 | 0 | 0 | 6.39 | 2.19 | 2.54 | 30 | .0 | 0 | | 6 | 5 | 2 |
| NEWTON | AM | 81.9 | 56.6 | 69.3 | - 3.2 | 90 | 13 | 47 | 16 | 9 | 1 | 0 | 0 | 0 | 9.19 | 4.51 | 2.73 | 31 | .0 | 0 | | 10 | 6 | 3 |
| PATERSON | AM | 84.5 | 62.4 | 73.5 | - 2.4 | 94 | 14 | 56 | 16+ | 2 | 4 | 0 | 0 | 0 | 9.28 | 4.70 | 2.36 | 28 | .0 | 0 | | 11 | 5 | 3 |
| PHILLIPSBURG | | 84.8 | 59.5 | 72.2 | - 2.2 | 90 | 13+ | 51 | 8 | 0 | 2 | 0 | 0 | 0 | | | | | .0 | 0 | | | | |
| PLAINFIELD | | 83.9 | 61.3 | 72.6 | - 2.5 | 91 | 12 | 53 | 8+ | 0 | 2 | 0 | 0 | 0 | 8.71 | 4.22 | 2.65 | 30 | .0 | 0 | | | | 4 |
| RIDGEFIELD | | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | | 84.9 | 59.6 | 72.3 | - 2.4 | 92 | 12 | 51 | 6 | 0 | 3 | 0 | 0 | 0 | 9.65 | 5.21 | 3.05 | 30 | .0 | 0 | | 6 | 5 | 4 |
| SUSSEX | AM | 79.6 | 57.4 | 68.5 | - 4.9 | 87 | 14 | 50 | 6+ | 11 | 0 | 0 | 0 | 0 | 8.01 | 2.94 | 1.88 | 31 | .0 | 0 | | 11 | 6 | 3 |
| DIVISION | | | | 71.3 | - 2.9 | | | | | | | | | 7.92 | 3.30 | | | .0 | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 82.7 | 64.7 | 73.7 | - .6 | 91 | 23 | 57 | 6 | 0 | 1 | 0 | 0 | 0 | 5.84 | 2.14 | 2.31 | 30 | .0 | 0 | | 5 | 4 | 3 |
| AUQUON | | 85.4 | 63.5 | 74.5 | | 92 | 13+ | 55 | 8 | 0 | 5 | 0 | 0 | 0 | 6.24 | | 2.97 | 30 | .0 | 0 | | 6 | 3 | 2 |
| BELLEPLAIN | | 82.6 | 63.0 | 72.8 | | 90 | 10 | 53 | 8 | 0 | 1 | 0 | 0 | 0 | | | 4.40 | 30 | .0 | 0 | | 8 | 4 | 3 |
| BURLINGTON | | 86.6 | 64.0 | 75.3 | - 2.0 | 93 | 13 | 56 | 16 | 0 | 6 | 0 | 0 | 0 | 5.43 | 1.19 | 2.00 | 30 | .0 | 0 | | 8 | 3 | 2 |
| CHATSWORTH | | 84.5M | 58.8M | 71.7M | | 90 | 23+ | 49 | 8 | 0 | 2 | 0 | 0 | 0 | 7.39 | | 3.67 | 30 | .0 | 0 | | 6 | 3 | 2 |
| CLAYTON | | 84.5 | 63.0 | 73.8 | | 92 | 4 | 56 | 8+ | 0 | 2 | 0 | 0 | 0 | 5.05 | | 3.05 | 30 | .0 | 0 | | 6 | 2 | 2 |
| FREEHOLD | | 83.0 | 61.5 | 72.3 | - 2.8 | 89 | 9 | 54 | 21+ | 0 | 0 | 0 | 0 | 0 | 7.40 | 3.38 | 2.86 | 30 | .0 | 0 | | 7 | 4 | 3 |
| HAMMONTON 2 NNE | AM | 85.4 | 64.1 | 74.8 | - 1.4 | 92 | 13+ | 57 | 5 | 0 | 6 | 0 | 0 | 0 | 7.72 | 3.53 | 3.10 | 30 | .0 | 0 | | 8 | 4 | 3 |
| HIGHTSTOWN 1 N | | 83.8 | 61.0 | 72.4 | - 2.6 | 92 | 22 | 52 | 21+ | 0 | 5 | 0 | 0 | 0 | 9.13 | 4.88 | 3.92 | 30 | .0 | 0 | | 8 | 3 | 2 |
| INDIAN MILLS 2 W | | 84.4 | 60.0 | 72.2 | - 2.7 | 91 | 13+ | 48 | 8 | 0 | 4 | 0 | 0 | 0 | 8.35 | 4.51 | 4.52 | 30 | .0 | 0 | | 5 | 3 | 3 |
| LAURELTON 1 E | | 82.4 | 61.7 | 72.1 | - 2.6 | 90 | 9 | 54 | 26+ | 0 | 1 | 0 | 0 | 0 | 5.80 | 2.00 | 2.50 | 30 | .0 | 0 | | 5 | 4 | 3 |
| MILLVILLE | | 84.2 | 64.2 | 74.2 | | 92 | 24 | 58 | 6 | 0 | 3 | 0 | 0 | 0 | 6.31 | | 3.53 | 30 | .0 | 0 | | 3 | 2 | 2 |
| MILLVILLE FAA AIRPORT | | 83.7 | 63.1 | 73.4 | | 91 | 23 | 55 | 6 | 0 | 3 | 0 | 0 | 0 | 7.68 | | 3.76 | 30 | .0 | 0 | | 5 | 3 | 3 |
| MOORESTOWN | | 83.8 | 62.5 | 73.2 | - 2.0 | 90 | 23+ | 52 | 8 | 0 | 4 | 0 | 0 | 0 | 5.74 | 1.76 | 2.62 | 30 | .0 | 0 | | 6 | 2 | 2 |
| NEW BRUNSWICK EXP STA | | 83.7 | 62.2 | 73.0 | - 2.1 | 89 | 13+ | 54 | 6 | 0 | 0 | 0 | 0 | 0 | 11.10 | 6.85 | 3.35 | 30 | .0 | 0 | | 8 | 5 | 3 |
| PEMBERTON 3 E | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | | 83.3 | 63.9 | 73.6 | - 3.0 | 90 | 23 | 56 | 6 | 0 | 1 | 0 | 0 | 0 | 9.62 | 5.76 | 3.27 | 30 | .0 | 0 | | 5 | 4 | 4 |
| TOMS RIVER | | 84.4 | 61.0 | 72.7 | | 92 | 23 | 50 | 26+ | 0 | 5 | 0 | 0 | 0 | 6.30 | | 2.43 | 30 | .0 | 0 | | 6 | 4 | 2 |
| TRENTON WB CITY | R | 83.2 | 64.9 | 74.1 | - 1.2 | 90 | 12+ | 59 | 15 | 0 | 2 | 0 | 0 | 0 | 7.98 | 3.92 | 3.17 | 30 | .0 | 0 | | 6 | 4 | 4 |
| TUCKERTON | | 83.4 | 62.9 | 73.2 | | 91 | 9 | 50 | 6 | 0 | 7 | 0 | 0 | 0 | 6.50 | | 2.10 | 30+ | .0 | 0 | | 5 | 5 | 3 |
| WOODSTOWN | | 85.2 | 62.8 | 74.0 | | 91 | 25+ | 52 | 8 | 0 | 4 | 0 | 0 | 0 | 6.71 | | 2.86 | 30 | .0 | 0 | | 7 | 5 | 2 |
| DIVISION | | | | 73.4 | - 2.1 | | | | | | | | | 7.17 | 3.12 | | | .0 | | | | | | |
| COSTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 78.3 | 66.5 | 72.4 | - 1.2 | 87 | 20 | 60 | 8+ | 0 | 0 | 0 | 0 | 0 | 5.87 | 2.09 | 2.78 | 30 | .0 | 0 | | 4 | 3 | 2 |
| CAPE MAY 3 W | | 81.5M | 66.2M | 73.9M | | 90 | 23 | 61 | 8+ | 0 | 1 | 0 | 0 | 0 | 5.67 | | 2.71 | 30 | .0 | 0 | | 7 | 3 | 1 |
| LONG BRANCH | R | 80.5 | 63.6 | 72.1 | - 2.5 | 90 | 9 | 55 | 8 | 0 | 1 | 0 | 0 | 0 | 8.23 | 4.14 | 2.58 | 30 | .0 | 0 | | 6 | 4 | 4 |
| DIVISION | | | | 72.8 | - 1.9 | | | | | | | | | 6.59 | 3.18 | | | .0 | | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m p h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover | sunrise to sunset | | | |
|--------------------------|----------------|---------------------------------------|----------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|----------------------|-------------------|--|--|--|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | | | | |
| ATLANTIC CITY WB AIRPORT | S | 18 | 11.0 | 37 | ENE | 30 | B5 | 82 | 52 | 67 | 4 | 2 | 1 | 1 | 2 | 1 | 11 | 61 | | 5.7 | | | |
| ATLANTIC CITY | - | - | 12.6 | 32 | S | 3 | - | - | - | - | 0 | 8 | 1 | 0 | 2 | 1 | 12 | - | - | | | | |
| LONG BRANCH | S | 13 | 11.4 | 60 | E | 30 | - | 85 | 67 | 70 | 3 | 2 | 2 | 0 | 2 | 2 | 11 | 75 | | 5.5 | | | |
| NEWARK WB AIRPORT | SW | 18 | 9.3 | 25+ | NNE | 30 | 73 | 72 | 49 | 55 | 5 | 2 | 1 | 3 | 1 | 1 | 13 | - | | 5.7 | | | |
| TRENTON WB CITY | - | - | 8.1 | 31 | N | 30 | - | - | - | - | 3 | 0 | 2 | 0 | 3 | 1 | 9 | 73 | | 5.9 | | | |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

NEW JERSEY
JULY 1960

- 76 -

DAILY TEMPERATURES

NEW JERSEY
JULY 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX | 77 | 79 | 83 | 83 | 81 | 80 | 74 | 82 | 89 | 87 | 79 | 89 | 86 | 82 | 78 | 83 | 81 | 85 | 85 | 87 | 81 | 84 | 91 | 87 | 85 | 80 | 77 | 83 | 82 | 80 | 83 | 82.7 |
| | MIN | 67 | 66 | 67 | 68 | 65 | 57 | 61 | 58 | 63 | 67 | 67 | 64 | 66 | 66 | 61 | 60 | 63 | 66 | 70 | 69 | 59 | 60 | 67 | 68 | 62 | 61 | 69 | 67 | 66 | 66 | 69 | 64.7 |
| ATLANTIC CITY | MAX | 76 | 75 | 77 | 82 | 81 | 74 | 73 | 79 | 83 | 78 | 78 | 81 | 78 | 77 | 75 | 78 | 75 | 77 | 80 | 87 | 76 | 77 | 80 | 84 | 79 | 77 | 76 | 78 | 79 | 78 | 80 | 78.3 |
| | MIN | 68 | 67 | 68 | 67 | 67 | 60 | 63 | 60 | 65 | 68 | 68 | 65 | 69 | 65 | 61 | 63 | 66 | 69 | 72 | 69 | 61 | 67 | 70 | 70 | 79 | 67 | 68 | 68 | 69 | 66 | 70 | 66.5 |
| AUDUBON | MAX | 79 | 86 | 89 | 84 | 83 | 84 | 80 | 84 | 92 | 89 | 80 | 90 | 92 | 75 | 82 | 85 | 87 | 88 | 86 | 87 | 86 | 88 | 91 | 90 | 88 | 85 | 75 | 88 | 85 | 82 | 87 | 85.4 |
| | MIN | 69 | 67 | 65 | 67 | 64 | 56 | 62 | 55 | 59 | 65 | 68 | 63 | 63 | 64 | 60 | 57 | 62 | 64 | 67 | 66 | 60 | 61 | 67 | 60 | 62 | 62 | 66 | 64 | 68 | 61 | 66 | 63.5 |
| BELLEPLAIN | MAX | 85 | 79 | 83 | 80 | 80 | 78 | 76 | 81 | 87 | 90 | 82 | 83 | 89 | 82 | 78 | 78 | 82 | 82 | 81 | 85 | 84 | 85 | 88 | 87 | 82 | 89 | 80 | 89 | 78 | 78 | 81 | 82.6 |
| | MIN | 64 | 65 | 62 | 64 | 62 | 61 | 63 | 53 | 55 | 62 | 69 | 60 | 63 | 70 | 60 | 57 | 62 | 61 | 63 | 71 | 63 | 85 | 70 | 69 | 80 | 57 | 64 | 66 | 66 | 65 | 71 | 63.0 |
| BELVIOERE | MAX | 82 | 81 | 82 | 82 | 79 | 76 | 79 | 82 | 89 | 84 | 81 | 87 | 87 | 82 | 80 | 83 | 83 | 85 | 83 | 82 | 82 | 82 | 81 | 86 | 83 | 82 | 78 | 86 | 85 | 81 | 82 | 82.5 |
| | MIN | 60 | 62 | 58 | 53 | 51 | 51 | 57 | 49 | 54 | 60 | 64 | 60 | 60 | 64 | 56 | 51 | 56 | 60 | 61 | 63 | 51 | 54 | 63 | 61 | 52 | 52 | 66 | 68 | 61 | 61 | 62 | 58.1 |
| BOONTON 2 SE | MAX | 87 | 76 | 81 | 89 | 59 | 73 | 76 | 77 | 80 | 88 | 84 | 89 | 88 | 89 | 71 | 82 | 83 | 83 | 85 | 84 | 81 | 81 | 82 | 85 | 83 | 85 | 83 | 73 | 87 | 88 | 76 | 82.2 |
| | MIN | 58 | 63 | 59 | 59 | 56 | 58 | 58 | 53 | 56 | 60 | 66 | 63 | 67 | 58 | 52 | 56 | 62 | 62 | 65 | 64 | 54 | 53 | 59 | 62 | 53 | 53 | 58 | 63 | 61 | 63 | 63 | 59.1 |
| BURLINGTON | MAX | 85 | 85 | 89 | 86 | 83 | 82 | 81 | 85 | 92 | 90 | 85 | 92 | 93 | 90 | 82 | 85 | 87 | 89 | 86 | 86 | 86 | 86 | 89 | 89 | 92 | 89 | 87 | 88 | 79 | 88 | 86 | 86.6 |
| | MIN | 68 | 65 | 66 | 64 | 61 | 58 | 65 | 57 | 60 | 57 | 68 | 65 | 68 | 67 | 60 | 56 | 64 | 65 | 68 | 69 | 59 | 61 | 68 | 67 | 87 | 84 | 82 | 66 | 66 | 68 | 65 | 66 |
| CANOE BROOK | MAX | 89 | 76 | 83 | 86 | 76 | 79 | 77 | 79 | 86 | 89 | 83 | 83 | 89 | 90 | 69 | 80 | 84 | 85 | 86 | 85 | 81 | 82 | 85 | 86 | 84 | 84 | 83 | 73 | 86 | 85 | 77 | 82.6 |
| | MIN | 58 | 63 | 63 | 58 | 53 | 51 | 58 | 51 | 61 | 58 | 67 | 60 | 64 | 68 | 59 | 52 | 58 | 63 | 68 | 65 | 52 | 54 | 64 | 62 | 54 | 55 | 62 | 65 | 63 | 65 | 64 | 59.9 |
| CAPE MAY 3 W | MAX | 87 | 88 | 81 | 82 | | | 81 | 82 | 86 | 85 | 72 | 79 | 80 | 79 | 75 | 81 | 79 | 80 | 80 | | | | | | 85 | 84 | 81 | 79 | 79 | 77 | 82 | 81.5 |
| | MIN | 68 | 65 | 61 | 67 | | | 63 | 61 | 65 | 67 | 65 | 65 | 65 | 69 | 62 | 64 | 65 | 66 | 69 | | | | | | 66 | 69 | 82 | 66 | 67 | 65 | 70 | 66.2 |
| CHARLOTTEBURG | MAX | 84 | 74 | 79 | 82 | 74 | 75 | 74 | 77 | 79 | 86 | 80 | 80 | 87 | 87 | 68 | 78 | 80 | 82 | 83 | 83 | 78 | 78 | 82 | 83 | 81 | 81 | 81 | 71 | 85 | 85 | 74 | 79.7 |
| | MIN | 54 | 58 | 56 | 55 | 47 | 49 | 55 | 48 | 54 | 57 | 61 | 55 | 64 | 64 | 56 | 48 | 52 | 59 | 62 | 63 | 54 | 49 | 54 | 60 | 50 | 50 | 52 | 56 | 59 | 61 | 62 | 55.6 |
| CHATSWORTH | MAX | 86 | 82 | 81 | 85 | 82 | 81 | 79 | 84 | 88 | 90 | 84 | 87 | 89 | 86 | 79 | 84 | 86 | 86 | 86 | 86 | 84 | 86 | 90 | 88 | 84 | 83 | 77 | 85 | 85 | 79 | 84 | 84.5 |
| | MIN | 60 | 64 | | 62 | 59 | 50 | 59 | 49 | 51 | 50 | 66 | 55 | 63 | 64 | 57 | 51 | 57 | 58 | 62 | 66 | 53 | 52 | 62 | 65 | 58 | 53 | 60 | 67 | 63 | 62 | 64 | 58.8 |
| CLAYTON | MAX | 83 | 84 | 84 | 92 | 87 | 84 | 80 | 83 | 90 | 89 | 80 | 85 | 89 | 83 | 79 | 80 | 83 | 85 | 86 | 85 | 82 | 86 | 88 | 88 | 85 | 83 | 78 | 85 | 85 | 83 | 84 | 84.5 |
| | MIN | 68 | 63 | 61 | 62 | 64 | 56 | 63 | 56 | 59 | 60 | 67 | 60 | 66 | 65 | 60 | 59 | 63 | 63 | 68 | 68 | 59 | 69 | 62 | 65 | 60 | 61 | 65 | 67 | 67 | 62 | 64 | 63.0 |
| ELIZABETH | MAX | 84 | 82 | 87 | 83 | 79 | 78 | 80 | 84 | 91 | 86 | 84 | 90 | 90 | 83 | 78 | 83 | 86 | 87 | 85 | 85 | 83 | 85 | 87 | 89 | 86 | 85 | 78 | 83 | 85 | 79 | 83 | 84.1 |
| | MIN | 60 | 60 | 63 | 54 | 55 | 54 | 59 | 55 | 56 | 63 | 66 | 61 | 64 | 62 | 56 | 54 | 58 | 63 | 66 | 63 | 54 | 55 | 63 | 65 | 59 | 57 | 65 | 61 | 64 | 61 | 62 | 59.9 |
| ESSEX FIELDS SERV BLOC | MAX | 88 | 74 | 80 | 83 | 84 | 84 | 81 | 85 | 90 | 89 | 89 | 88 | 90 | 90 | 73 | 80 | 81 | 85 | 84 | 83 | 85 | 80 | 78 | 84 | 83 | 85 | 88 | 76 | 84 | 89 | 83 | 83.7 |
| | MIN | 64 | 62 | 60 | 63 | 67 | 64 | 66 | 67 | 69 | 70 | 68 | 70 | 71 | 69 | 59 | 60 | 58 | 60 | 61 | 63 | 55 | 57 | 62 | 64 | 59 | 60 | 64 | 63 | 65 | 66 | 67 | 63.6 |
| FLEMINGTON 1 NE | MAX | 76 | 85 | 90 | 79 | 80 | 80 | 82 | 85 | 91 | 90 | 87 | 94 | 95 | 85 | 85 | 86 | 88 | 90 | 88 | 84 | 88 | 89 | 89 | 88 | 89 | 87 | 78 | 90 | 90 | 79 | 88 | 86.3 |
| | MIN | 60 | 62 | 60 | 58 | 54 | 48 | 58 | 47 | 57 | 58 | 65 | 58 | 62 | 67 | 57 | 49 | 55 | 59 | 68 | 64 | 51 | 50 | 66 | 61 | 53 | 51 | 66 | 68 | 61 | 63 | 63 | 58.7 |
| FREEMOLO | MAX | 82 | 82 | 84 | 78 | 79 | 79 | 78 | 82 | 89 | 86 | 77 | 88 | 88 | 83 | 79 | 83 | 85 | 85 | 83 | 83 | 82 | 85 | 88 | 86 | 84 | 84 | 78 | 85 | 85 | 80 | 83 | 83.0 |
| | MIN | 65 | 62 | 62 | 59 | 58 | 54 | 62 | 55 | 57 | 64 | 66 | 59 | 66 | 66 | 58 | 57 | 60 | 62 | 66 | 63 | 54 | 58 | 65 | 66 | 63 | 58 | 63 | 64 | 65 | 64 | 65 | 61.5 |
| HAMMONTON 2 NNE | MAX | 89 | 78 | 83 | 88 | 83 | 83 | 85 | 80 | 85 | 92 | 90 | 90 | 92 | 81 | 81 | 86 | 86 | 90 | 87 | 85 | 84 | 87 | 91 | 89 | 87 | 86 | 85 | 74 | 85 | 85 | 80 | 85.4 |
| | MIN | 67 | 66 | 64 | 64 | 57 | 61 | 62 | 58 | 68 | 68 | 68 | 65 | 69 | 60 | 62 | 62 | 63 | 68 | 67 | 68 | 60 | 67 | 68 | 89 | 59 | 63 | 63 | 67 | 68 | 65 | 65 | 65 |
| HIGH POINT PARK | MAX | 83 | 72 | 79 | 78 | 74 | 75 | 75 | 77 | 80 | 85 | 79 | 86 | 87 | 86 | 62 | 84 | 80 | 83 | 84 | 76 | 78 | 79 | 80 | 80 | 80 | 84 | 72 | 79 | 83 | 68 | 79.0 | |
| | MIN | 60 | 57 | 60 | 48 | 49 | 49 | 49 | 49 | 56 | 62 | 64 | 64 | 59 | 61 | 52 | 57 | 57 | 63 | 62 | 59 | 50 | 55 | 60 | 55 | 56 | 58 | 56 | 60 | 60 | 59 | 58 | 56.9 |
| HIGHTSTOWN 1 N | MAX | 75 | 83 | 87 | 79 | 80 | 81 | 80 | 83 | 90 | 89 | 79 | 90 | 90 | 77 | 80 | 83 | 86 | 90 | 85 | 86 | 86 | 92 | 88 | 86 | 85 | 84 | 75 | 85 | 84 | 78 | 83 | 83.8 |
| | MIN | 65 | 63 | 64 | 58 | 59 | 53 | 61 | 52 | 58 | 61 | 67 | 61 | 66 | 65 | 58 | 55 | 61 | 64 | 66 | 62 | 52 | 57 | 65 | 65 | 57 | 55 | 65 | 63 | 65 | 63 | 64 | 61.0 |
| INOIAN MILLS 2 W | MAX | 78 | 85 | 87 | 83 | 81 | 81 | 80 | 84 | 91 | 87 | 80 | 90 | 91 | 80 | 81 | 84 | 85 | 87 | 86 | 85 | 85 | 86 | 90 | 88 | 88 | 84 | 74 | 86 | 86 | 79 | 84 | 84.4 |
| | MIN | 61 | 65 | 63 | 64 | 59 | 56 | 59 | 48 | 54 | 62 | 66 | 56 | 62 | 65 | 53 | 53 | 58 | 60 | 66 | 63 | 50 | 54 | 63 | 64 | 53 | 54 | 62 | 68 | 64 | 64 | 64 | 60.0 |
| JERSEY CITY | MAX | 76 | 78 | 77 | 77 | 77 | 76 | 74 | 80 | 88 | 79 | 76 | 83 | 82 | 72 | 78 | 81 | 79 | 79 | 81 | 83 | 80 | 82 | 85 | 85 | 82 | 77 | 72 | 84 | 83 | 71 | 80 | 79.3 |
| | MIN | 63 | 61 | 65 | 60 | 61 | 62 | 63 | 60 | 64 | | | | | | | | | | | | | | | | | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
JULY 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| RIDGEFIELD | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | MAX MIN | 83 64 | 83 64 | 84 66 | 84 67 | 81 63 | 81 56 | 79 65 | 84 59 | 88 61 | 87 64 | 82 66 | 84 62 | 85 65 | 82 69 | 79 59 | 81 60 | 81 62 | 82 64 | 84 69 | 85 67 | 84 58 | 84 61 | 90 67 | 87 69 | 85 60 | 82 62 | 78 68 | 85 65 | 82 68 | 80 64 | 85 67 | 83.3 63.9 |
| SOMERVILLE | MAX MIN | 82 61 | 84 61 | 87 62 | 85 57 | 79 53 | 78 51 | 81 53 | 83 52 | 90 53 | 89 60 | 86 69 | 92 60 | 90 65 | 83 65 | 85 59 | 84 52 | 85 62 | 86 68 | 84 65 | 83 59 | 87 53 | 87 62 | 88 63 | 87 54 | 85 52 | 78 60 | 88 62 | 87 61 | 81 62 | 83 61 | 83 67 | 84.9 59.6 |
| SUSSEX | MAX MIN | 82 58 | 73 60 | 83 60 | 84 52 | 73 50 | 75 50 | 74 54 | 76 52 | 78 53 | 85 56 | 84 65 | 82 61 | 85 61 | 87 64 | 65 57 | 78 52 | 80 60 | 83 67 | 84 63 | 77 53 | 77 54 | 80 52 | 82 60 | 80 54 | 80 52 | 83 60 | 72 62 | 83 61 | 85 62 | 73 61 | 73 67 | 79.6 57.4 |
| TOMS RIVER | MAX MIN | 80 60 | 79 64 | 82 61 | 83 61 | 85 57 | 84 50 | 80 60 | 84 58 | 91 58 | 89 59 | 85 67 | 85 58 | 90 65 | 90 67 | 80 60 | 78 62 | 80 58 | 82 64 | 86 72 | 86 59 | 84 50 | 88 60 | 92 65 | 91 65 | 84 59 | 82 50 | 79 61 | 83 62 | 86 66 | 82 69 | 85 64 | 84.4 61.0 |
| TRENTON WB CITY | MAX MIN | 76 66 | 83 65 | 86 66 | 78 63 | 79 62 | 60 63 | 79 64 | 83 60 | 90 63 | 87 69 | 80 70 | 90 66 | 89 70 | 75 62 | 80 59 | 84 60 | 84 65 | 86 68 | 85 66 | 84 60 | 83 60 | 86 63 | 88 70 | 87 69 | 85 64 | 84 61 | 74 67 | 87 69 | 85 67 | 79 63 | 83 67 | 83.2 64.9 |
| TUCKERTON | MAX MIN | 90 62 | 79 65 | 81 67 | 85 65 | 83 62 | 80 50 | 78 62 | 80 53 | 91 61 | 90 65 | 80 70 | 85 61 | 84 66 | 84 68 | 76 59 | 82 58 | 80 62 | 83 62 | 90 70 | 90 68 | 85 53 | 85 61 | 90 67 | 90 67 | 81 58 | 80 54 | 78 70 | 82 69 | 82 66 | 80 64 | 82 67 | 83.4 62.9 |
| WOODSTOWN | MAX MIN | 86 67 | 85 65 | 90 64 | 87 67 | 82 61 | 82 57 | 81 64 | 84 52 | 90 56 | 89 63 | 82 69 | 88 61 | 89 67 | 83 67 | 81 59 | 83 67 | 85 65 | 86 63 | 87 66 | 84 58 | 86 57 | 91 66 | 89 67 | 91 67 | 85 59 | 77 61 | 77 65 | 87 67 | 85 66 | 81 63 | 86 65 | 85.2 62.8 |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|--------------------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | EVAP | .10 | .17 | .33 | .43 | .41 | .14 | .27 | .26 | - | .29 | .14 | .28 | .29 | .20 | .20 | .38 | .31 | .31 | .28 | .33 | .44 | .29 | .31 | .47 | .29 | .29 | .26 | - | .06 | - | .22 | B8.58 |
| | WIND | 45 | 77 | 174 | 143 | 85 | 76 | 40 | 52 | 71 | 75 | 56 | 67 | 54 | 86 | 126 | 91 | 106 | 75 | 69 | 104 | 90 | 61 | 64 | 83 | 64 | 51 | 100 | 52 | 32 | 139 | 64 | |
| | MAX | 83 | 84 | 87 | 89 | 86 | 85 | 78 | 88 | 93 | 93 | 83 | 94 | 95 | 90 | 85 | 88 | 88 | 92 | 90 | 91 | 91 | 91 | 94 | 94 | 92 | 90 | 80 | 89 | 84 | 89 | 89 | 88.3 |
| | MIN | 68 | 68 | 67 | 69 | 65 | 59 | 65 | 60 | 62 | 62 | 70 | 74 | 71 | 73 | 62 | 62 | 63 | 66 | 70 | 71 | 61 | 63 | 67 | 70 | 66 | 65 | 69 | 69 | 71 | 68 | 70 | 66.6 |
| CANOE BROOK | EVAP | .21 | - | .11 | - | .35 | .20 | .12 | .18 | .12 | .25 | .17 | .14 | .15 | .16 | .04 | .14 | .18 | .18 | .20 | .14 | .20 | .21 | .15 | .13 | .26 | .22 | .22 | - | .16 | - | - | B5.47 |
| | WIND | 23 | 12 | 25 | 38 | 53 | 30 | 20 | 17 | 16 | 15 | 17 | 12 | 12 | 25 | 50 | 27 | 8 | 22 | 27 | 20 | 35 | 22 | 29 | 16 | 27 | 20 | 45 | 24 | 14 | 19 | 49 | 779 |

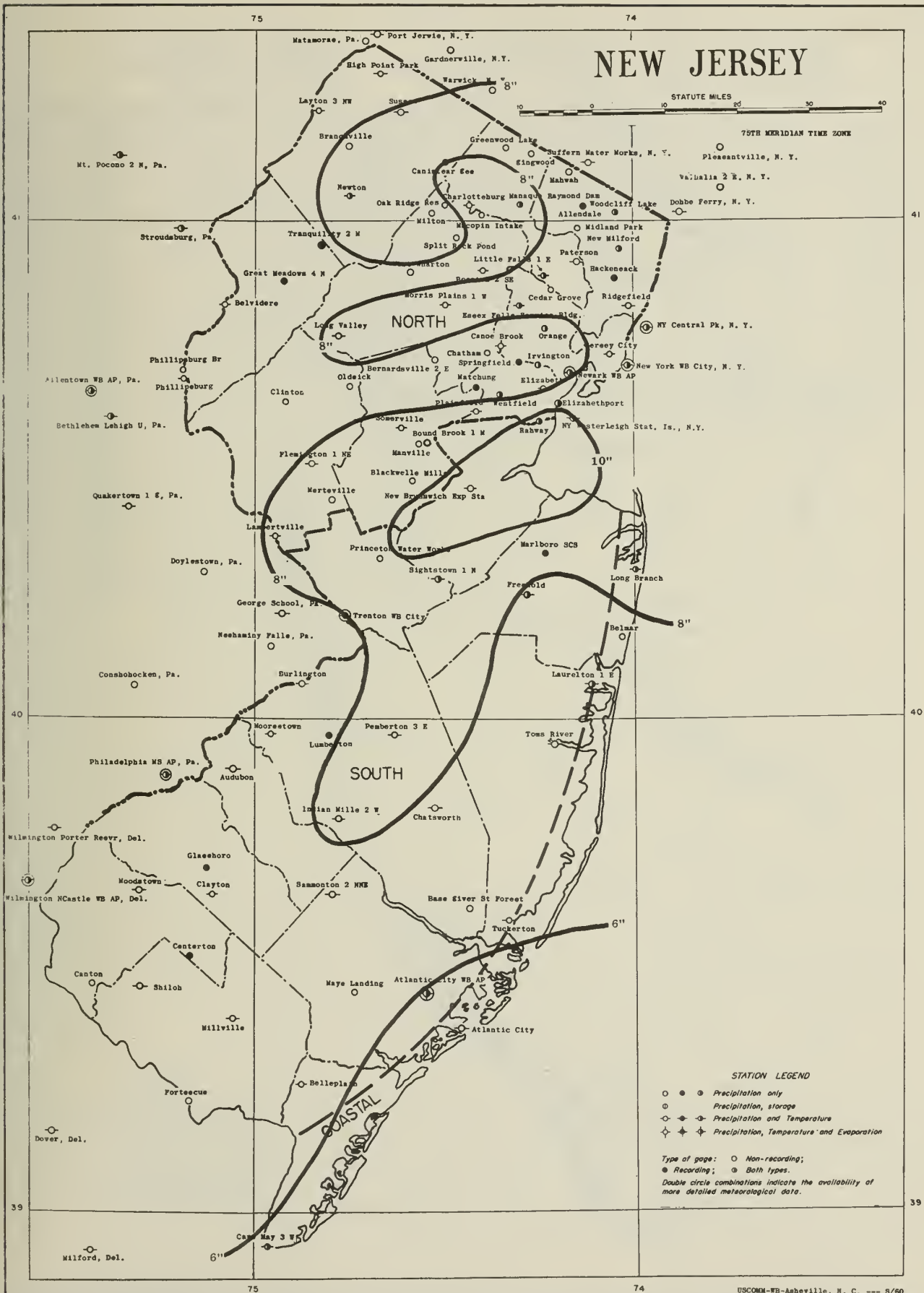
DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 72 66 | 78 67 | 82 68 | 82 67 | 80 66 | 77 63 | 80 65 | 84 63 | 88 64 | 87 66 | 82 68 | 88 66 | 92 69 | 72 67 | 83 66 | 84 65 | 84 67 | 83 69 | 82 69 | 83 70 | 83 70 | 82 66 | 82 68 | 86 69 | 82 67 | 85 66 | 74 65 | 92 66 | 79 65 | 72 67 | 77 69 | 81.9 66.8 |
| 2 INCHES | MAX MIN | 72 66 | 78 67 | 81 68 | 82 67 | 79 66 | 76 63 | 77 66 | 80 64 | 84 64 | 82 67 | 80 68 | 84 67 | 88 69 | 73 67 | 81 66 | 81 66 | 82 68 | 83 71 | 81 71 | 82 70 | 81 70 | 79 67 | 80 69 | 83 70 | 80 68 | 82 67 | 74 65 | 90 66 | 77 65 | 74 68 | 75 69 | 80.1 67.2 |
| 4 INCHES | MAX MIN | 70 68 | 74 67 | - 68 | 73 69 | 74 67 | 73 66 | 73 68 | 74 65 | 76 66 | 76 68 | 76 70 | 78 68 | 80 70 | 74 68 | 76 68 | 76 69 | 77 69 | 78 70 | 73 71 | 78 71 | 77 71 | 75 68 | 75 70 | 78 70 | 75 70 | 76 69 | 73 65 | 79 69 | 78 71 | 72 70 | 73 69 | 75.5 68.6 |
| 8 INCHES | MAX MIN | 70 68 | 71 67 | 72 69 | 72 68 | 72 67 | 70 66 | 70 67 | 71 67 | 72 67 | 73 67 | 73 69 | 74 69 | 75 71 | 73 69 | 72 68 | 73 69 | 73 69 | 74 70 | 74 71 | 74 71 | 73 70 | 72 68 | 73 70 | 74 70 | 73 70 | 73 69 | 71 65 | 75 69 | 75 71 | 71 70 | 74 69 | 72.7 69.2 |
| 12 INCHES | MAX MIN | 70 69 | 69 68 | 69 68 | 70 69 | 70 69 | 70 68 | 69 68 | 69 67 | 69 67 | 70 67 | 71 67 | 71 70 | 72 70 | 72 69 | - 69 | 70 69 | 72 70 | 72 70 | 72 70 | 72 71 | 72 70 | 71 68 | - 70 | 72 70 | 72 71 | 71 70 | 71 69 | 72 70 | 72 71 | 71 70 | 71 69 | 70.8 69.3 |
| 16 INCHES | MAX MIN | 69 68 | 68 67 | 68 68 | 69 68 | 69 68 | 68 67 | 68 67 | 68 67 | 68 67 | 69 68 | 70 68 | 70 69 | 71 69 | 71 69 | 69 69 | 69 69 | 69 70 | 70 70 | 71 70 | 72 70 | 71 70 | 70 69 | 70 70 | 71 70 | 71 70 | 70 70 | 70 69 | 70 69 | 71 70 | 71 70 | 69 69 | 69.8 68.9 |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Elektronik Potentiometer.

TOTAL PRECIPITATION

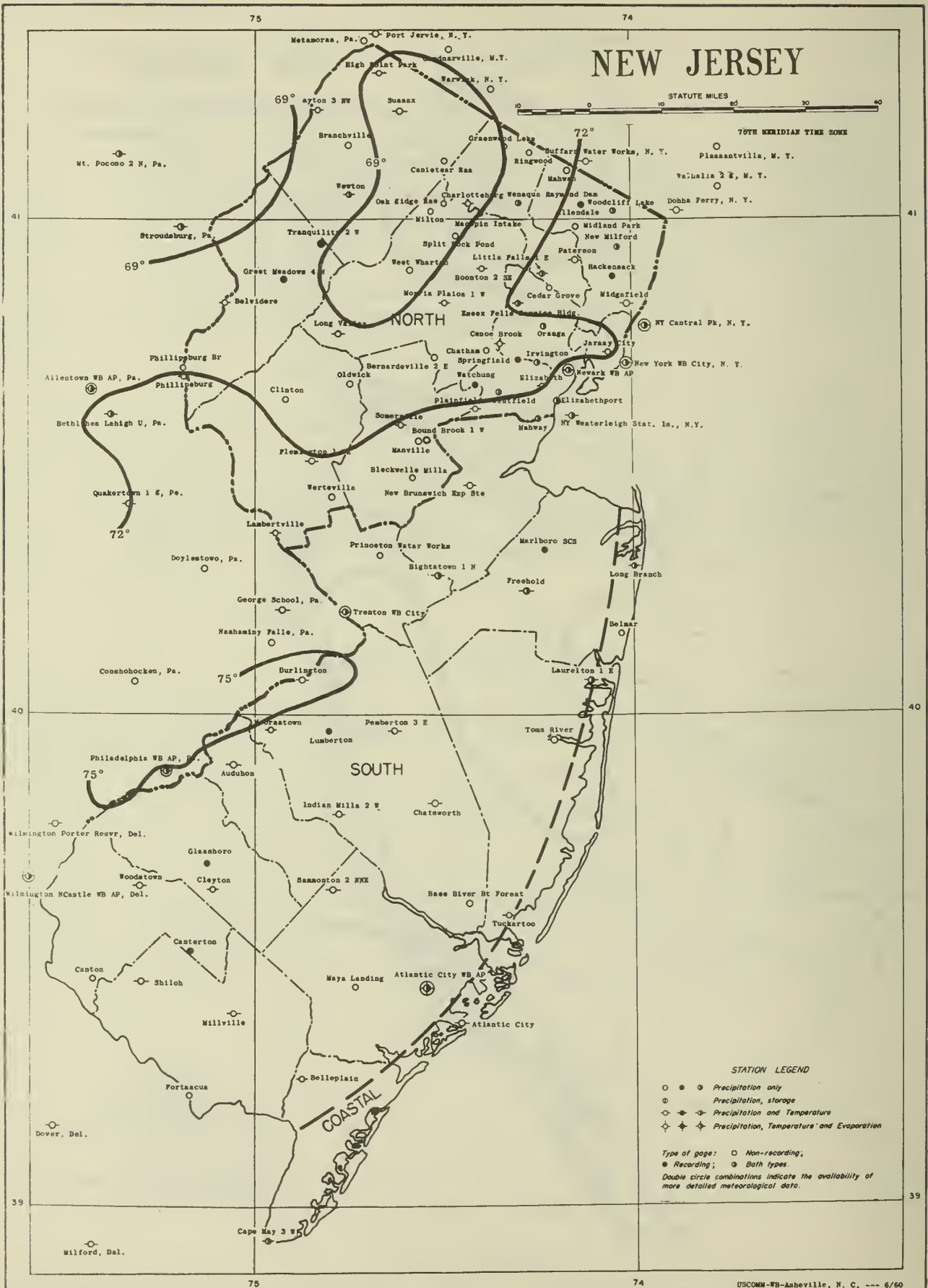
NEW JERSEY
JULY 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
JULY 1960



Isoles are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
JULY 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE I | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|-----------------------|-----------|------------|------------|----------|-----------|-----------|-----------------------------|--------|------|---------------------|-------------------------|-------------------------------|
| | | | | | | | TEMP | PRECIP | EVAP | SPECIAL (see notes) | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | BERGEN COUNTY ENGINEERS | |
| ATLANTIC CITY WP AD | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | MID | 7P | C | HJ | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | | | | STATE NATURA |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | IIP | IIP | | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | 6P | | | H | N.J. FORESTRY SERVICE |
| BELLERPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 57 | 49 | 5P | 5P | | | | MRS. ED C. HOFFMAN |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | | WELM WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | | CLEMENT HAUP |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | | REINHARDT WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | HENDY M. MILLER |
| BROOKTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | | JERSEY CITY WATER WORKS |
| ROUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 31 | 20 | 8A | | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | | ALBERT H. GAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 51 | 12 | 6P | | | | | PUBLIC SVC. F. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT |
| CANDOR PROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALTM | 2 | 39 28 | 75 25 | 20 | 9A | | | | | GERTUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | 5P | | | | N.WEST MAGNETIC CO. |
| CEDAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | | J. A. PLUMETT |
| CENTERTON | 1512 | SALTM | 6 | 39 31 | 75 10 | 80 | | | | | | JOHN HOPKINS UNIV. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | | NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. MOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | | CARL N. KERCINER |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 49 | 75 06 | 120 | 6P | | | | | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | | L. W. KLOCKER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | 5P | | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | | SEWAGE TREATMENT PLANT |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | | ROUGH ESSEX FELS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | | | | | H. DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOPEZ |
| FRECHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | | | | | FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | | | PROF. J. B. SANGREE |
| GREAT MEADOWS & N | 3416 | WARREN | 2 | 40 56 | 74 55 | 940 | | | | | | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | | | | | N. J. DEPT. OF CON. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | | | | | JAMES P. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | | | | | EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | | JOINT MEETING GAPAGE |
| JERSEY CITY | 4319 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | | | | | H. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | | GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | | | | | H. A. M. DEPU |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | | | | | C. H. PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 73 59 | 34 | MID | MID | | | | C. HJ |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 44 | 660 | 6P | | | | | WILLIAM D. MARTIN, JR. |
| LUMBERTON | 5058 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | | H. ARTHUR BAPHEMAN |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | | JAMES LAWTON |
| MANAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | | NEWARK WATER DEPT. |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | | | ROBERT G. GLASGOW |
| MARLBORO SC5 | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | | JOHN L. RADCLIFFE |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | | GEROW RILL |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | | | H. ELMER EARLE |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | | RIOGENCIO WATER CO. |
| MILLVILLE | | | | | | | | | | | | L. J. GALLAHER |
| HILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | | | | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | | | H. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | | JAMES C. LONG |
| NEWARK WP AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | | | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 24 | 84 | 5P | | | | | GH. ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | | | HACKENSACK WATER CO. |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | | C. H |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | | NEWTON WTR. & SWP. COMM. |
| OLWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | | NEWARK WATER DEPT. |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | NID | | | | | GAN A. COUGHLIN |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 8A | | | | C. COUNTY ENGINEER |
| REMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 5P | 5P | | | | H. P. J. DEL VECCHIO |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | | H. PHILIP E. MARUCCI |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | | SEWAGE DISPOSAL PLANT |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | | | JOINT TOLL BRIDGE COMM. |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | | | | | | H. MRS. VIVIAN SCHERER |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | NID | | | | | PRINCETON WATER CO. |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | NID | | | | | C. H |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | | RAHWAY VLY. SWG. AUTH. |
| SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | | | | | GEORGE P. KIPSTEN |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | | N.J. JERSEY WTR. SUPPLY |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | | EVERETT DICKINSON |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | | H. W. E. HAVER |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | JERSEY CITY D. P. W. |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | | N. J. DEPT. OF CON. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | | BRICE B. STANTON |
| TRENTON WB CITY | 8893 | MERCER | 2 | 40 13 | 74 48 | 56 | MID | MID | | | | TOMS RIVER WATER CO. |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | | | | | H. J. J. ERVEY |
| WANAGO RAYMOND OAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 720 | 8A | | | | | U.S. WEATHER BUREAU |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | | REV. WALTER T. GANDEK |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | | C. BONNIE BURN SANITARIUM |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | 5P | | | | | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | | CITY ENGINEER |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | | N. J. POWER & LIGHT CO. |
| WOODSTOWN | 9910 | SALTM | 2 | 39 39 | 75 19 | 50 | 5P | | | | | HACKENSACK WATER CO. |
| NEW STATIONS | | | | | | | | | | | | CREAM VALLEY DAIRY |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | NID | MID | | | | H. FED. AVIATION AGENCY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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1 NNJ

U. S. DEPARTMENT OF COMMERCE

FREDERICK H. MUELLER, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

AUGUST 1960

Volume 65 No. 8



THE LIBRARY OF THE
OCT 17 1960
UNIVERSITY OF ILLINOIS

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 96° on the 29th at Lambertville

Lowest Temperature: 44° on the 18th at Layton 3 NW

Greatest Total Precipitation: 9.68 inches at Oak Ridge Reservoir

Least Total Precipitation: 1.93 inches at Woodstown

Greatest One-Day Precipitation: 3.91 inches on the 31st at Boonton
2 SE

SPECIAL WEATHER SUMMARY

Storms of considerable violence occurred on the 5th, 15th, 19th, and 31st of August, resulting in three deaths, eight injuries, and a great deal of property damage.

On August 5th a woman was killed when struck by lightning while walking in Hamilton Township, Mercer County. At the same time, trees were uprooted and roofs and chimneys damaged in Chesterfield Township, Burlington County.

On August 15th a large tree was blown onto an auto moving along U. S. Route 1 in the Princeton area, injuring the two occupants of the auto. Several trees were blown down in the townships of Princeton, Lawrence, and Hamilton, all in Mercer County. That same evening the pilot was killed and three passengers injured when a Navy helicopter crashed into a swamp during a severe rainstorm in Southampton Township in Burlington County.

Heavy rain in Bergen County on August 19th, falling on already saturated ground, caused the flooding of streets and highways in several communities in the county.

The electrical storm of August 31st, intense in some areas, covered most of the State. A man was struck by lightning and killed while in a fishing boat off Monmouth Beach. A girl was injured when struck by lightning in Caldwell, Essex County, and a farmer was injured when struck by lightning in Warren County. Several barns burned when struck by lightning, causing the loss of several head of livestock, several thousand bales of hay, and considerable loss of other stored crops.

Donald V. Dunlap
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
AUGUST 1960

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|--|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|--------|--------------------------------------|--------------|------|-------------|------------------------|------|-------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 92° or Above | 32° or Below | 32° or Above | 92° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 81.4 | 60.9 | 71.2 | - 1.5 | 88 | 29 | 50 | 26+ | 3 | 0 | 0 | 0 | 0 | 6.73 | 1.57 | 1.99 | 30 | .0 | 0 | | 9 | 4 | 3 |
| BOONTON 2 SE | | 81.8 | 60.5 | 71.2 | .4 | 90 | 31 | 46 | 27 | 6 | 1 | 0 | 0 | 0 | 8.81 | 3.85 | 3.91 | 31 | .0 | 0 | | 7 | 5 | 3 |
| CANOE BROOK | | 81.9 | 61.8 | 71.9 | .8 | 92 | 31 | 50 | 25 | 7 | 2 | 0 | 0 | 0 | 5.61 | .19 | 1.49 | 31 | .0 | 0 | | 7 | 4 | 2 |
| CHARLOTTEBURG | | 80.3 | 58.2 | 69.3 | - .1 | 88 | 31+ | 46 | 27+ | 13 | 0 | 0 | 0 | 0 | 7.45 | 2.47 | 1.76 | 20 | .0 | 0 | | 9 | 5 | 3 |
| ELIZABETH | | 84.3 | 61.9 | 73.1 | - 1.1 | 94 | 30 | 51 | 26 | 0 | 3 | 0 | 0 | 0 | 4.76 | -.25 | 2.65 | 19 | .0 | 0 | | 6 | 2 | 1 |
| ESSEX FELS SERV BLDG | | 82.5 | 62.2 | 72.4 | | 92 | 29 | 54 | 25 | 0 | 4 | 0 | 0 | 0 | 4.58 | | 1.95 | 20 | .0 | 0 | | 6 | 4 | 1 |
| FLEMINGTON 1 NE | | 85.2 | 61.8 | 73.5 | - .1 | 93 | 30+ | 46 | 26 | 1 | 7 | 0 | 0 | 0 | 3.19 | - 2.14 | 1.03 | 31 | .0 | 0 | | 6 | 3 | 1 |
| HIGH POINT PARK | | 77.9 | 56.4 | 67.2 | | 88 | 31 | 48 | 6 | 29 | 0 | 0 | 0 | 0 | 8.65 | | 3.39 | 20 | .0 | 0 | | 12 | 5 | 2 |
| JERSEY CITY | | 79.0 | 64.6 | 71.8 | - 2.2 | 89 | 29 | 57 | 26+ | 0 | 0 | 0 | 0 | 0 | 5.14 | .64 | 3.20 | 19 | .0 | 0 | | 7 | 2 | 1 |
| LAMBERTVILLE | | 85.0 | 63.5 | 74.3 | 1.4 | 96 | 29 | 50 | 26 | 0 | 4 | 0 | 0 | 0 | 5.13 | -.25 | 1.77 | 31 | .0 | 0 | | 6 | 5 | 2 |
| LAYTON 3 NW | | 81.3 | 59.4 | 70.4 | .7 | 90 | 8 | 44 | 18 | 6 | 1 | 0 | 0 | 0 | 5.16 | .61 | 1.01 | 10 | .0 | 0 | | 11 | 5 | 1 |
| LITTLE FALLS 1 E | | 84.5 | 62.1 | 73.3 | .5 | 93 | 31+ | 52 | 26+ | 0 | 6 | 0 | 0 | 0 | 6.16 | .89 | 1.48 | 20 | .0 | 0 | | 8 | 5 | 3 |
| LONG VALLEY | | 81.6 | 58.8 | 70.2 | | 90 | 30+ | 45 | 26 | 6 | 2 | 0 | 0 | 0 | 5.65 | .34 | 2.40 | 19 | .0 | 0 | | 10 | 3 | 1 |
| MORRIS PLAINS | | 81.9 | 60.6 | 71.3 | | 90 | 31 | 46 | 26 | 6 | 1 | 0 | 0 | 0 | 6.52 | | 2.13 | 20 | .0 | 0 | | 9 | 4 | 3 |
| NEWARK WB AIRPORT | | 84.0 | 66.2 | 75.1 | 2.0 | 94 | 29 | 58 | 26+ | 0 | 8 | 0 | 0 | 0 | 4.61 | .42 | 2.25 | 19 | .0 | 0 | | 8 | 3 | 1 |
| NEWTON | | 81.5 | 59.1 | 70.3 | .1 | 90 | 30 | 45 | 26 | 7 | 1 | 0 | 0 | 0 | 7.48 | 2.82 | 1.79 | 20 | .0 | 0 | | 11 | 5 | 3 |
| PATERSON | | 84.3 | 62.6 | 73.5 | - .1 | 95 | 31 | 53 | 26+ | 0 | 7 | 0 | 0 | 0 | 5.72 | .68 | 1.25 | 19 | .0 | 0 | | 10 | 4 | 2 |
| PHILLIPSBURG | | 85.5 | 61.9 | 73.7 | 1.4 | 91 | 30+ | 50 | 26 | 0 | 4 | 0 | 0 | 0 | 4.76 | -.55 | 1.36 | 10 | .0 | 0 | | 6 | 4 | 2 |
| PLAINFIELD | | 83.1 | 63.3 | 73.2 | .1 | 93 | 30 | 50 | 26 | 0 | 7 | 0 | 0 | 0 | 5.32 | -.08 | 1.90 | 19 | .0 | 0 | | 6 | 3 | 2 |
| RIDGEFIELD | | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | | 83.8 | 62.7 | 73.3 | .5 | 92 | 30+ | 49 | 26 | 0 | 4 | 0 | 0 | 0 | 3.89 | - 1.52 | 1.46 | 19 | .0 | 0 | | 6 | 3 | 1 |
| SUSSEX | | 79.3 | 58.6 | 69.0 | - 2.2 | 88 | 30 | 49 | 26 | 13 | 0 | 0 | 0 | 0 | 9.05 | 4.18 | 2.73 | 20 | .0 | 0 | | 12 | 6 | 3 |
| DIVISION | | | | 71.9 | - .2 | | | | | | | | | 5.92 | .85 | | | .0 | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 82.9 | 66.7 | 74.8 | 1.9 | 93 | 30+ | 53 | 26 | 0 | 5 | 0 | 0 | 0 | 2.36 | - 2.22 | .65 | 5 | .0 | 0 | | 6 | 2 | 0 |
| AUDUBON | | 85.2 | 65.5 | 75.4 | | 94 | 30 | 53 | 26 | 0 | 8 | 0 | 0 | 0 | 4.08 | | 1.60 | 5 | .0 | 0 | | 8 | 2 | 1 |
| BELLEPLAIN | | 82.4 | 65.9 | 74.2 | | 93 | 30 | 51 | 26 | 1 | 2 | 0 | 0 | 0 | 3.82 | - 2.06 | 2.25 | 10 | .0 | 0 | | 7 | 1 | 1 |
| BURLINGTON | | 87.3 | 64.7 | 76.0 | .5 | 94 | 3 | 56 | 26 | 0 | 10 | 0 | 0 | 0 | 2.93 | - 1.66 | .61 | 31 | .0 | 0 | | 8 | 3 | 0 |
| CHATSWORTH | | 84.7 | 63.0 | 73.9 | | 93 | 30 | 46 | 26 | 6 | 6 | 0 | 0 | 0 | 6.27 | | 2.00 | 31 | .0 | 0 | | 10 | 4 | 2 |
| CLAYTON | | 84.7 | 66.2 | 75.5 | | 92 | 30 | 57 | 25 | 0 | 4 | 0 | 0 | 0 | 2.75 | | 1.04 | 13 | .0 | 0 | | 7 | 1 | 1 |
| FREEHOLD | | 83.7 | 63.9 | 73.8 | .7 | 92 | 3 | 50 | 26 | 0 | 5 | 0 | 0 | 0 | 5.10 | .10 | 2.45 | 31 | .0 | 0 | | 8 | 3 | 2 |
| HAMMONTON 2 NNE | | 84.8 | 65.4 | 75.1 | .9 | 94 | 31 | 50 | 26 | 0 | 6 | 0 | 0 | 0 | 2.81 | - 3.14 | .61 | 31 | .0 | 0 | | 9 | 1 | 0 |
| HIGHTSTOWN 1 N | | 85.0 | 62.9 | 74.0 | 1.2 | 94 | 29 | 47 | 26 | 1 | 6 | 0 | 0 | 0 | 2.95 | - 1.82 | .83 | 31 | .0 | 0 | | 5 | 3 | 0 |
| INDIAN MILLS 2 W | | 84.2 | 63.1 | 73.7 | .8 | 94 | 30 | 45 | 26 | 1 | 6 | 0 | 0 | 0 | 3.88 | - 1.73 | .84 | 6 | .0 | 0 | | 9 | 3 | 0 |
| LAURELTON 1 E | | 82.3 | 64.1 | 73.2 | .7 | 93 | 29 | 49 | 26 | 3 | 6 | 0 | 0 | 0 | 3.47 | - 1.67 | 1.01 | 19 | .0 | 0 | | 6 | 3 | 1 |
| MILLVILLE | | 84.4 | 67.0 | 75.7 | | 93 | 31+ | 54 | 26 | 0 | 5 | 0 | 0 | 0 | 5.51 | | 2.13 | 10 | .0 | 0 | | 6 | 4 | 3 |
| MILLVILLE FAA AIRPORT | | 85.0 | 66.0 | 75.5 | | 94 | 30 | 51 | 26 | 0 | 6 | 0 | 0 | 0 | 4.57 | | 1.84 | 10 | .0 | 0 | | 6 | 3 | 1 |
| MOORESTOWN | | 83.8 | 64.6 | 74.2 | 1.1 | 93 | 30 | 50 | 26 | 0 | 5 | 0 | 0 | 0 | 2.94 | - 1.99 | .69 | 8 | .0 | 0 | | 8 | 3 | 0 |
| NEW BRUNSWICK EXP STA | | 84.2 | 63.9 | 74.1 | 1.0 | 90 | 30+ | 51 | 26 | 0 | 2 | 0 | 0 | 0 | 3.92 | -.86 | 1.52 | 19 | .0 | 0 | | 6 | 3 | 2 |
| PEMBERTON 3 E | | 84.3 | 63.0 | 73.7 | - .3 | 93 | 30 | 46 | 26 | 2 | 5 | 0 | 0 | 0 | 5.12 | .19 | 1.22 | 31+ | .0 | 0 | | 9 | 4 | 2 |
| SHILOH | | 84.6 | 65.9 | 75.3 | .6 | 91 | 30+ | 52 | 26 | 0 | 4 | 0 | 0 | 0 | 3.45 | - 1.65 | 1.06 | 6 | .0 | 0 | | 7 | 3 | 1 |
| TOMS RIVER | | 84.7 | 63.5 | 74.1 | | 95 | 30+ | 45 | 26 | 6 | 8 | 0 | 0 | 0 | 3.23 | | .92 | 31 | .0 | 0 | | 6 | 3 | 0 |
| TRENTON WB CITY | | 83.0 | 66.0 | 74.5 | 1.3 | 92 | 29+ | 55 | 26 | 0 | 7 | 0 | 0 | 0 | 2.89 | - 1.70 | 1.06 | 31 | .0 | 0 | | 6 | 2 | 1 |
| TUCKERTON | | 82.8 | 65.5 | 74.2 | | 91 | 21+ | 50 | 26 | 4 | 5 | 0 | 0 | 0 | 5.13 | | 2.10 | 31 | .0 | 0 | | 9 | 3 | 1 |
| WOODSTOWN | | 85.9M | 66.3M | 76.1M | | 93 | 30 | 52 | 26 | 0 | 8 | 0 | 0 | 0 | 1.93 | | .66 | 13 | .0 | 0 | | 7 | 1 | 0 |
| DIVISION | | | | 74.6 | 1.1 | | | | | | | | | 3.77 | - 1.43 | | | .0 | | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | 78.6 | 69.0 | 73.8 | .7 | 91 | 3 | 62 | 26+ | 0 | 1 | 0 | 0 | 0 | 3.93 | -.79 | 1.71 | 10 | .0 | 0 | | 5 | 3 | 1 |
| CAPE MAY 3 W | | 83.8 | 69.1 | 76.5 | | 95 | 30 | 60 | 26 | 0 | 1 | 0 | 0 | 0 | 4.63 | | 2.58 | 10 | .0 | 0 | | 8 | 2 | 1 |
| LONG BRANCH | | 80.8 | 65.3 | 73.1 | .3 | 94 | 29 | 53 | 26 | 2 | 5 | 0 | 0 | 0 | 7.21 | 1.84 | 3.45 | 19 | .0 | 0 | | 9 | 3 | 2 |
| DIVISION | | | | 74.5 | .9 | | | | | | | | | 5.26 | .35 | | | .0 | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
AUGUST 1960

| Station | Elev | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|------|--------------|-----|-----|------|-----|------|-----|-----|-----|------|------|------|-----|------|-----|------|------|----|------|------|-----|------|-----|-----|----|----|----|----|----|------|-----|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | 2.36 | | | | .15 | T | .65 | | | | .46 | T | | .60 | | .02 | | | T | .23 | | | | T | .02 | | | | | | T | .23 | |
| ATLANTIC CITY | 3.93 | | | | .44 | | .64 | | | | 1.71 | | | .73 | | .04 | | | | .28 | | | | | .04 | | | | | | | | .05 |
| AUUBON | 4.08 | | | | .14 | T | 1.60 | | .40 | | .16 | T | | .63 | | .40 | | | | .44 | | | | .09 | | | | | | | | | .22 |
| BASS RIVER ST FOREST | 5.68 | | | | | .26 | .48 | | .34 | | .29 | | | | | .53 | | | | | | | | .46 | | | | | | | | | 3.32 |
| BELLEPLAIN | 3.82 | | | | .32 | | .42 | | | | 2.25 | | | .20 | .10 | .08 | | | | | | | | .35 | | | | | | | | | .20 |
| BELMAR | 4.54 | | | | | | .29 | .08 | | .32 | | .39 | | | .54 | .04 | .03 | | | .82 | 1.14 | | .76 | | | | | | | | | | .13 |
| BEVLIERE | 6.73 | | | | .01 | .62 | .09 | .32 | | .21 | | 1.05 | .09 | | .04 | .01 | .12 | | | .23 | .08 | | 1.52 | | | | | | | | 1.99 | | .44 |
| BERNARDSVILLE 2 E | 6.35 | | | | | .05 | .23 | .05 | | .05 | | .22 | .02 | | | .02 | .02 | | | .27 | 2.70 | T | 1.38 | | | | | | | | | | 1.10 |
| BLACKWELLS MILLS | 3.96 | | | | | .20 | .06 | | T | | .20 | | | | .05 | | .03 | | | .28 | .66 | | .94 | | | | | | | | | | 1.54 |
| BOONTON 2 SE | 8.81 | | T | T | | .07 | .05 | .36 | | .09 | T | .23 | 1.01 | | | .03 | T | | | .70 | 1.71 | | .65 | | T | | | | | | | | 3.91 |
| BOND BROOK 1 W | 4.05 | T | | | T | .19 | T | | .11 | | .26 | .03 | | T | T | .05 | .50 | | | .25 | 1.05 | T | .86 | T | | | | | | | | | .75 |
| BRANCHVILLE | 9.08 | | | | | .19 | .03 | .32 | | .38 | | .80 | .90 | | | .02 | | 1.77 | | .42 | 2.19 | | .48 | | | | | | | | | | 1.58 |
| BURLINGTON | 2.93 | | | | T | .01 | .08 | .52 | | .53 | | .12 | .24 | | .23 | T | | | | .32 | | | .27 | | | | | | | | | | .61 |
| CANISTEAR RESERVOIR | 7.17 | | | | | .06 | .04 | .23 | | .25 | | .64 | .74 | | T | T | T | .31 | | .69 | 1.70 | | .60 | | | | | | | | | | 1.71 |
| CANOE CROOK | 5.61 | | | T | | .06 | .23 | .06 | | .33 | | .31 | .07 | | T | .02 | .02 | | | .78 | 1.36 | | .88 | | | | | | | | | | 1.49 |
| CANTON | 2.90 | | | | | .63 | .18 | .33 | | .36 | | .90 | | | .38 | .02 | .02 | .03 | | | | | | | | | | | | | | | .05 |
| CAPE MAY 3 W | 4.63 | | .02 | | | .25 | .44 | | | .01 | | .13 | | | .21 | | .13 | | | | | | .56 | | | | | | | | | | .14 |
| CEAR GROVE | 6.72 | | | | | .04 | .27 | .11 | | .09 | | .29 | 1.20 | | | .05 | .30 | | | 1.45 | 1.29 | | .70 | | | | | | | | | | 1.20 |
| CHARLOTTEBURG | 7.45 | | | | | .08 | .06 | .24 | | .07 | | .48 | 1.70 | | | .07 | .05 | .03 | | .78 | 1.76 | | 1.25 | | | | | | | | | | .55 |
| CHATHAM | 5.31 | | | | | T | .27 | .05 | | .12 | .26 | .17 | | | | .05 | T | | | .70 | 1.47 | | .82 | | | | | | | | | | 1.14 |
| CHATSWORTH | 6.27 | | | | | .27 | .23 | .73 | | .03 | | .20 | .03 | | .25 | .13 | .73 | 1.25 | | .40 | .02 | | T | | | | | | | | | | 2.00 |
| CLAYTON | 2.75 | | | | | .18 | .14 | | | .05 | | .11 | .04 | | 1.04 | .05 | .05 | .44 | | .28 | | | .02 | .05 | | | | | | | | | .30 |
| CLINTON | 3.85 | | | | | .38 | .43 | .14 | | .03 | | .31 | | | .05 | .63 | .06 | | | .26 | | | .89 | | | | | | | | | | .32 |
| ELIZABETH | 4.76 | | | | .01 | .05 | .04 | | | .15 | | .22 | .19 | | .01 | .04 | .01 | .04 | | 2.65 | | .01 | .55 | | | | | | | | | | .02 |
| ELIZABETHPORT | 5.13 | | | | .04 | .01 | .11 | | | .08 | | .19 | .26 | | T | | .40 | | | 2.68 | | .01 | .55 | | | | | | | | | | .15 |
| ESSEX FELS SERV BLDG | 4.58 | | | | | | | T | | | | .17 | | | .05 | .02 | .04 | .02 | | .56 | 1.95 | | .85 | | .12 | | | | | | | | .85 |
| FLEMINGTON 1 NE | 3.19 | | | | .15 | .26 | .08 | | .09 | | .25 | | | .05 | .02 | .04 | .02 | | | .50 | | | .78 | | | | | | | | | | 1.03 |
| FORTESCUE | 4.66 | | | .70 | | | .40 | .70 | | | 2.30 | | | | .44 | | .05 | | | | | | | | | | | | | | | | .07 |
| FREEMO | 5.10 | | | | .15 | .06 | .09 | | .05 | T | | .12 | | .57 | .02 | T | .20 | | | 1.09 | | .13 | .12 | | | | | | | | | | .05 |
| GREENWOOD LAKE | 5.60 | | | | .05 | .08 | .12 | | .12 | | .52 | .63 | | | .04 | .02 | .38 | | | 1.00 | 1.57 | | .80 | | .08 | | | | | | | | .04 |
| HAMMONTON 2 NNE | 2.81 | | | | .41 | .39 | .22 | | .05 | | .35 | | | | .32 | | | | | .20 | .13 | | | | | | | | | | | | .61 |
| HIGH POINT PARK | 8.65 | | | | .37 | .60 | .33 | | .18 | | .33 | .93 | | | | .14 | 1.01 | | | .66 | 3.39 | | .25 | | | | | | | | | | .43 |
| HIGHTSTOWN 1 N | 2.95 | | | | | .07 | .08 | | .05 | | .01 | .10 | | .07 | T | .61 | | | | .72 | | | .32 | | | | | | | | | | .09 |
| INDIAN MILLS 2 W | 3.88 | | | | T | .27 | .43 | .84 | | .01 | | .20 | | .36 | .63 | | .31 | | | .31 | | | .09 | | | | | | | | | | .12 |
| IRVINGTON | 4.71 | | | .02 | | .06 | .13 | | .17 | | .63 | | | .01 | T | | | | | 2.07 | | .13 | .40 | | | | | | | | | | .29 |
| JERSEY CITY | 5.14 | | | | .03 | .12 | | | .25 | | .30 | | | | .03 | .05 | | | | 3.20 | | .15 | .36 | | | | | | | | | | .04 |
| LAMBERTVILLE | 5.13 | | | | .03 | .12 | 1.11 | | .03 | | .09 | | | .05 | .67 | | T | | | .60 | | | .65 | T | | | | | | | | | .01 |
| LAURELTON 1 E | 3.47 | | | | .02 | .06 | .59 | | .18 | | T | | | .35 | .08 | | T | | | 1.01 | | | .30 | | | | | | | | | | .88 |
| LAYTON 3 NW | 5.16 | | | | .50 | .08 | .63 | | .16 | | 1.01 | .23 | | .02 | .05 | .56 | | | | .28 | .28 | | .24 | | | | | | | | | | .09 |
| LITTLE FALLS 1 E | 6.16 | | | | .01 | .04 | .26 | .11 | .05 | | .24 | .91 | | | .02 | .02 | | | | 1.39 | 1.48 | | .61 | T | .01 | | | | | | | | 1.01 |
| LONG BRANCH | 7.21 | | | .15 | .41 | .46 | | | .12 | T | .10 | | | .80 | T | .02 | | | | 3.45 | | | .28 | | | | | | | | | | .08 |
| LONG VALLEY | 5.65 | | | .16 | .21 | .40 | | .34 | .20 | | .60 | | | .05 | .02 | .06 | | | | 2.40 | | .16 | .55 | | | | | | | | | | .40 |
| MACOPIN INTAKE | 7.73 | | | | .10 | .06 | .34 | | .06 | | .74 | 1.28 | | .02 | | | .24 | | | 1.03 | 1.65 | | 1.10 | | | | | | | | | | .07 |
| MAHAH | 5.49 | | | | .08 | .08 | .14 | | .09 | | .43 | .66 | | | .03 | | .24 | | | 1.31 | 1.51 | | .68 | | | | | | | | | | .03 |
| MANVILLE | 3.45 | | | | .20 | .22 | | | .10 | | .27 | T | | | .02 | .07 | | | | 1.18 | | | .40 | | | | | | | | | | .04 |
| HAYS LANDING | 3.31 | | | | .27 | .54 | .02 | | | | .64 | .51 | | .58 | | .01 | .02 | .10 | | .25 | | | | | | | | | | | | | .10 |
| MIDLAND PARK | 6.90 | | | | .04 | .04 | .23 | | .05 | | 2.51 | | | .03 | .02 | .01 | | | | 2.56 | | | .51 | | | | | | | | | | .43 |
| MILLVILLE | 5.51 | | | | 1.11 | | 1.00 | | .06 | | 2.13 | | | .25 | | | .17 | | | .02 | | | | | | | | | | | | | T |
| MILLVILLE FAA AIRPORT | 4.57 | | | | .95 | .04 | .30 | | .16 | | 1.84 | T | | .32 | | .01 | T | | | .03 | | | | | | | | | | | | | .01 |
| MILTON | 8.85 | | | | .13 | .32 | | | .15 | .05 | 1.02 | 1.56 | | .05 | | | 1.10 | | | 2.20 | | | 1.20 | .05 | | | | | | | | | .09 |
| MOORESTOWN | 2.94 | | | | | .06 | .10 | .60 | | .69 | | .10 | | T | .51 | | .41 | | | .35 | | | .10 | | | | | | | | | | .02 |
| MORRIS PLAINS | 6.52 | | | | | .06 | .11 | .16 | | .11 | T | .35 | 1.26 | T | T | .04 | .03 | .03 | T | .53 | 2.13 | .01 | 1.22 | T | | | | | | | | | .48 |
| NEWARK WB AIRPORT | 4.61 | | | | T | T | | | .01 | | .32 | T | | T | .24 | T | | | | 2.25 | | | .62 | | | | | | | | | | .19 |
| NEW BRUNSWICK EXP STA | 3.92 | | | | | T | .46 | | | .05 | | .10 | T | | .01 | T | .15 | | | 1.52 | | | .54 | | | | | | | | | | 1.09 |
| NEW MILFORD | 6.30 | | | | | | .10 | | .04 | | 1.80 | .04 | | | | | 1.00 | | | 2.64 | | | .28 | | | | | | | | | | .40 |
| NEWTON | 7.48 | | | | | .20 | .02 | .22 | | .35 | | 1.05 | .30 | T | T | T | .01 | 1.48 | | .48 | 1.79 | | .70 | T | | | | | | | | .10 | |
| OAK RIDGE RESERVOIR | 9.68 | | | | | .16 | .11 | .21 | | .11 | | .94 | 1.55 | | T | .04 | | .98 | | .63 | 2.31 | | 1.24 | | | | | | | | </ | | |

DAILY TEMPERATURES

NEW JERSEY
AUGUST 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX MIN | 81 69 | 90 70 | 93 71 | 84 70 | 86 69 | 80 67 | 90 74 | 83 67 | 87 70 | 77 67 | 76 61 | 73 66 | 86 63 | 84 68 | 75 66 | 78 63 | 78 63 | 73 64 | 85 61 | 90 73 | 85 74 | 85 69 | 79 63 | 78 57 | 76 53 | 84 59 | 87 70 | 89 71 | 93 73 | 85 70 | 82.9 66.7 | |
| ATLANTIC CITY | MAX MIN | 78 71 | 85 69 | 91 74 | 84 69 | 84 69 | 76 69 | 76 70 | 88 74 | 80 70 | 82 68 | 76 68 | 74 68 | 73 66 | 77 66 | 78 68 | 72 66 | 72 66 | 72 64 | 77 69 | 84 73 | 82 75 | 84 70 | 72 68 | 74 62 | 74 62 | 74 65 | 83 71 | 79 74 | 81 74 | 82 71 | 78.6 69.0 | |
| AUDUBON | MAX MIN | 88 67 | 90 68 | 93 71 | 84 66 | 86 65 | 84 67 | 83 66 | 92 72 | 86 65 | 90 70 | 80 68 | 82 63 | 69 64 | 85 63 | 88 67 | 78 65 | 81 62 | 83 62 | 74 63 | 88 61 | 92 65 | 87 71 | 87 66 | 79 62 | 78 57 | 83 53 | 89 60 | 92 69 | 94 70 | 83 70 | 85.2 69.5 | |
| BELLEPLAIN | MAX MIN | 80 68 | 87 68 | 92 72 | 85 67 | 89 70 | 83 62 | 84 66 | 85 73 | 87 64 | 86 69 | 86 60 | 82 60 | 75 65 | 74 62 | 82 64 | 80 65 | 73 61 | 75 62 | 71 65 | 82 60 | 87 73 | 83 74 | 83 67 | 75 56 | 77 49 | 82 51 | 81 50 | 85 70 | 93 74 | 82 70 | 82.4 65.9 | |
| BELVIOERE | MAX MIN | 83 55 | 86 64 | 85 68 | 82 65 | 75 62 | 82 58 | 79 63 | 87 68 | 85 58 | 82 67 | 82 62 | 80 61 | 76 62 | 75 59 | 82 66 | 81 61 | 81 58 | 74 60 | 81 62 | 87 64 | 82 61 | 80 60 | 82 60 | 75 50 | 77 50 | 85 54 | 86 54 | 88 65 | 80 67 | 81.4 68.9 | | |
| BOONTON 2 SE | MAX MIN | 82 55 | 84 59 | 84 67 | 86 68 | 76 62 | 88 60 | 88 56 | 82 64 | 87 58 | 81 63 | 86 64 | 78 58 | 81 62 | 75 60 | 77 64 | 85 62 | 77 65 | 82 66 | 83 60 | 69 61 | 82 63 | 87 66 | 81 63 | 84 60 | 78 50 | 77 48 | 80 46 | 88 58 | 89 60 | 88 67 | 90 70 | 81.8 60.5 |
| BURLINGTON | MAX MIN | 87 68 | 92 66 | 94 73 | 89 66 | 84 66 | 83 66 | 84 66 | 91 65 | 89 67 | 89 64 | 89 63 | 78 64 | 84 62 | 85 61 | 85 61 | 88 61 | 88 61 | 78 61 | 88 62 | 90 62 | 86 64 | 84 66 | 84 66 | 79 53 | 83 61 | 92 62 | 92 69 | 93 74 | 93 70 | 87.3 64.7 | | |
| CANOE BROOK | MAX MIN | 81 57 | 84 62 | 87 68 | 88 68 | 73 64 | 70 55 | 84 57 | 83 69 | 83 60 | 86 67 | 77 64 | 77 62 | 81 65 | 73 59 | 80 67 | 87 56 | 75 54 | 82 61 | 84 61 | 68 61 | 85 61 | 89 62 | 83 62 | 83 62 | 72 50 | 76 51 | 81 56 | 89 65 | 89 68 | 90 69 | 81.9 61.8 | |
| CAPE MAY 3 W | MAX MIN | 82 69 | 87 68 | 89 73 | 88 71 | 87 70 | 84 70 | 81 70 | 89 73 | 89 70 | 84 69 | 83 71 | 80 69 | 79 66 | 83 62 | 82 72 | 80 64 | 77 65 | 77 63 | 86 70 | 84 71 | 89 65 | 84 73 | 84 69 | 76 61 | 77 60 | 84 64 | 85 73 | 88 72 | 91 74 | 82 72 | 83.8 69.1 | |
| CHARLOTTEBURG | MAX MIN | 79 51 | 81 53 | 84 66 | 85 65 | 77 60 | 67 59 | 82 54 | 79 69 | 86 56 | 79 64 | 84 56 | 84 56 | 79 57 | 73 53 | 83 59 | 74 56 | 80 54 | 81 52 | 66 59 | 81 62 | 85 64 | 82 65 | 81 56 | 76 46 | 76 49 | 81 46 | 86 60 | 86 61 | 88 66 | 88 66 | 80.3 58.2 | |
| CHATSWORTH | MAX MIN | 84 66 | 90 64 | 90 71 | 87 69 | 83 66 | 83 66 | 84 68 | 90 67 | 89 65 | 87 66 | 86 65 | 79 55 | 77 63 | 86 61 | 82 69 | 81 64 | 77 61 | 78 59 | 77 62 | 87 66 | 92 65 | 89 64 | 86 60 | 85 60 | 75 49 | 78 46 | 89 52 | 89 64 | 91 63 | 93 68 | 84.7 63.0 | |
| CLAYTON | MAX MIN | 86 66 | 87 73 | 90 70 | 85 69 | 86 71 | 80 65 | 80 71 | 87 67 | 86 71 | 85 67 | 85 67 | 83 70 | 82 70 | 84 59 | 85 60 | 82 67 | 80 64 | 85 64 | 80 58 | 85 71 | 89 60 | 89 67 | 85 60 | 84 57 | 79 59 | 85 60 | 90 67 | 91 65 | 92 71 | 83 70 | 84.7 66.2 | |
| ELIZABETH | MAX MIN | 84 58 | 88 62 | 90 69 | 83 65 | 72 63 | 85 62 | 83 68 | 89 68 | 85 61 | 85 67 | 82 62 | 78 59 | 76 63 | 89 59 | 87 65 | 88 60 | 84 61 | 85 58 | 80 59 | 84 58 | 88 65 | 83 62 | 85 60 | 81 56 | 78 51 | 81 48 | 89 59 | 89 65 | 91 66 | 86 67 | 84.3 61.9 | |
| ESSEX FELS SERV BLOC | MAX MIN | 82 65 | 84 64 | 78 58 | 81 60 | 73 63 | 72 60 | 83 60 | 82 64 | 88 59 | 83 66 | 85 63 | 84 63 | 83 60 | 80 62 | 85 61 | 82 59 | 74 60 | 81 60 | 83 60 | 69 62 | 68 60 | 87 65 | 87 65 | 89 58 | 80 54 | 81 56 | 80 50 | 92 68 | 91 69 | 90 70 | 82.5 62.2 | |
| FLEMINGTON 1 NE | MAX MIN | 86 58 | 88 62 | 90 70 | 83 69 | 74 63 | 85 61 | 80 58 | 80 68 | 88 58 | 88 68 | 82 65 | 85 62 | 77 65 | 79 59 | 87 66 | 82 64 | 85 60 | 85 56 | 84 61 | 90 56 | 85 68 | 85 61 | 81 62 | 81 51 | 82 46 | 92 53 | 93 63 | 92 64 | 93 69 | 85.2 61.8 | | |
| FREEHOLD | MAX MIN | 84 69 | 87 64 | 92 68 | 88 66 | 77 64 | 82 68 | 82 61 | 90 67 | 86 61 | 87 68 | 84 60 | 80 55 | 75 62 | 82 69 | 84 60 | 80 60 | 76 60 | 86 60 | 90 68 | 86 68 | 84 68 | 82 65 | 74 50 | 79 50 | 88 58 | 89 67 | 91 72 | 90 66 | 83 66 | 83.7 63.9 | | |
| HAMMONTON 2 NNE | MAX MIN | 85 66 | 85 67 | 89 72 | 91 66 | 83 66 | 85 66 | 84 66 | 82 66 | 90 65 | 85 67 | 89 70 | 88 65 | 80 70 | 85 61 | 86 69 | 78 61 | 79 60 | 80 60 | 78 60 | 88 71 | 92 65 | 86 66 | 85 66 | 80 55 | 80 50 | 81 57 | 89 64 | 91 72 | 94 69 | 84.8 65.4 | | |
| HIGH POINT PARK | MAX MIN | 78 58 | 81 58 | 77 61 | 75 52 | 66 50 | 64 48 | 70 55 | 79 61 | 85 53 | 85 57 | 77 57 | 75 53 | 78 58 | 78 61 | 82 55 | 78 56 | 75 54 | 73 56 | 77 54 | 80 56 | 85 54 | 80 52 | 81 50 | 76 45 | 70 51 | 77 52 | 87 59 | 85 62 | 87 65 | 77.9 56.4 | | |
| HIGHTSTOWN 1 N | MAX MIN | 89 63 | 89 64 | 92 70 | 79 67 | 84 64 | 86 64 | 81 59 | 86 68 | 87 61 | 90 68 | 80 65 | 85 59 | 74 63 | 87 60 | 84 67 | 80 63 | 84 58 | 84 58 | 70 60 | 87 59 | 93 69 | 87 67 | 86 64 | 78 53 | 79 47 | 86 56 | 89 65 | 94 67 | 90 72 | 84 67 | 85.0 62.9 | |
| INOIAN MILLS 2 W | MAX MIN | 85 65 | 88 65 | 91 71 | 83 68 | 84 66 | 85 63 | 81 69 | 90 65 | 85 61 | 87 68 | 80 66 | 80 58 | 71 62 | 85 59 | 83 66 | 77 58 | 81 54 | 82 58 | 71 62 | 86 68 | 91 65 | 87 68 | 85 65 | 79 63 | 80 65 | 84 59 | 91 64 | 92 68 | 94 78 | 84 69 | 84.2 63.1 | |
| JERSEY CITY | MAX MIN | 77 62 | 84 65 | 87 73 | 75 67 | 69 64 | 81 62 | 75 63 | 87 67 | 76 64 | 83 67 | 75 63 | 73 63 | 71 62 | 76 60 | 80 63 | 72 59 | 79 60 | 80 63 | 71 60 | 79 63 | 87 71 | 82 68 | 84 62 | 75 57 | 72 57 | 74 51 | 87 69 | 89 68 | 87 73 | 76 69 | 79.0 64.6 | |
| LAMBERTVILLE | MAX MIN | 86 62 | 88 65 | 90 70 | 86 71 | 84 64 | 84 63 | 83 61 | 89 70 | 87 60 | 87 69 | 85 66 | 83 62 | 78 62 | 80 64 | 86 68 | 78 64 | 83 58 | 82 55 | 86 61 | 89 59 | 89 67 | 83 67 | 85 64 | 78 53 | 81 50 | 89 57 | 90 66 | 91 65 | 92 72 | 89 69 | 85.0 63.5 | |
| LAURELTON 1 E | MAX MIN | 83 65 | 90 67 | 92 72 | 76 67 | 79 67 | 81 63 | 80 60 | 91 62 | 81 62 | 88 62 | 75 62 | 78 60 | 71 63 | 81 64 | 82 66 | 77 64 | 78 63 | 73 61 | 86 60 | 92 69 | 86 67 | 86 60 | 77 52 | 75 49 | 77 48 | 87 59 | 87 64 | 93 71 | 90 73 | 79 68 | 82.3 64.1 | |
| LAYTON 3 NW | MAX MIN | 80 52 | 80 66 | 86 72 | 81 63 | 73 60 | 80 55 | 80 60 | 90 64 | 80 64 | 82 60 | 80 58 | 80 58 | 80 59 | 80 64 | 83 66 | 75 60 | 80 57 | 83 64 | 73 60 | 82 62 | 87 62 | 82 64 | 84 60 | 75 50 | 78 48 | 88 57 | 85 60 | 88 64 | 84 65 | 80 59 | 81.3 59.4 | |
| LITTLE FALLS 1 E | MAX MIN | 85 58 | 87 63 | 89 69 | 90 67 | 78 62 | 80 62 | 86 58 | 85 68 | 90 60 | 84 68 | 88 64 | 81 62 | 83 64 | 77 60 | 89 64 | 77 57 | 84 57 | 85 60 | 69 61 | 87 65 | 85 61 | 87 65 | 87 61 | 83 52 | 79 52 | 83 55 | 91 62 | 89 67 | 93 71 | 84.5 62.1 | | |
| LONG BRANCH | MAX MIN | 80 65 | 87 66 | 92 75 | 72 65 | 82 66 | 80 65 | 90 71 | 85 65 | 75 67 | 77 63 | 80 62 | 83 62 | 73 63 | 83 66 | 75 66 | 75 64 | 70 63 | 85 62 | 90 60 | 89 68 | 85 60 | 75 53 | 70 46 | 73 40 | 90 58 | 85 94 | 84 78 | 75 68 | 80.8 65.3 | | | |
| LONG VALLEY | MAX MIN | 82 51 | 86 59 | 86 66 | 76 62 | 72 56 | 83 60 | 84 59 | 87 62 | 82 58 | 83 62 | 79 62 | 79 60 | 73 60 | 78 57 | 85 63 | 77 60 | 80 55 | 81 50 | 75 60 | 82 61 | 86 63 | 82 61 | 83 58 | 75 47 | 79 45 | 88 50 | 90 58 | 89 61 | 90 65 | 82 73 | 81.6 58.8 | |
| MILLVILLE | MAX MIN | 85 68 | 85 69 | 89 74 | 93 70 | 87 68 | 87 67 | 85 67 | 89 69 | 88 68 | 85 69 | 88 63 | 79 63 | 80 66 | 87 67 | 85 | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
AUGUST 1960

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| RIDGEFIELD | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | MAX MIN | 85 67 | 88 68 | 91 72 | 89 67 | 86 67 | 84 67 | 82 66 | 88 72 | 85 66 | 87 68 | 81 68 | 80 62 | 75 61 | 83 61 | 85 72 | 84 66 | 80 61 | 80 63 | 79 65 | 80 60 | 89 71 | 86 72 | 86 66 | 83 66 | 80 57 | 80 52 | 86 60 | 91 67 | 90 70 | 91 72 | 89 70 | 84.6 65.9 |
| SOMERVILLE | MAX MIN | 85 59 | 88 63 | 89 70 | 84 64 | 74 64 | 84 62 | 82 58 | 90 69 | 84 60 | 88 68 | 82 65 | 82 62 | 75 64 | 78 61 | 86 67 | 79 64 | 84 62 | 83 57 | 77 61 | 85 58 | 89 67 | 85 67 | 85 63 | 80 63 | 78 54 | 80 49 | 89 54 | 90 65 | 92 65 | 92 69 | 79 70 | 83.8 62.7 |
| SUSSEX | MAX MIN | 77 53 | 81 53 | 85 65 | 83 63 | 79 62 | 68 60 | 78 58 | 79 61 | 86 58 | 79 57 | 79 60 | 76 60 | 79 60 | 76 61 | 79 64 | 82 59 | 72 51 | 78 55 | 76 57 | 67 59 | 81 61 | 84 65 | 84 60 | 80 58 | 75 50 | 72 49 | 77 50 | 86 56 | 85 67 | 88 66 | 86 60 | 79.3 58.6 |
| TOMS RIVER | MAX MIN | 83 64 | 92 62 | 94 79 | 89 70 | 82 67 | 80 66 | 81 58 | 91 69 | 89 60 | 88 66 | 87 65 | 77 57 | 72 62 | 83 61 | 84 70 | 80 62 | 73 62 | 78 58 | 82 65 | 89 68 | 90 70 | 89 70 | 87 62 | 83 66 | 74 52 | 77 45 | 91 51 | 88 62 | 95 61 | 98 71 | 83 68 | 84.7 63.5 |
| TRENTON WB CITY | MAX MIN | 84 66 | 88 67 | 90 74 | 77 65 | 82 65 | 84 65 | 82 63 | 90 71 | 84 68 | 88 70 | 78 65 | 82 63 | 69 65 | 81 64 | 85 69 | 77 66 | 80 63 | 81 62 | 71 61 | 86 63 | 91 72 | 84 69 | 85 61 | 78 61 | 75 58 | 80 55 | 90 62 | 92 71 | 92 71 | 91 74 | 77 69 | 83.0 66.0 |
| TUCKERTON | MAX MIN | 79 68 | 89 68 | 91 74 | 89 70 | 82 68 | 78 67 | 78 63 | 90 71 | 88 64 | 87 70 | 86 68 | 75 57 | 75 64 | 82 68 | 85 65 | 82 63 | 75 60 | 73 63 | 72 63 | 82 59 | 91 70 | 90 74 | 87 67 | 83 67 | 74 53 | 74 50 | 83 53 | 84 68 | 86 71 | 90 72 | 86 69 | 82.8 65.5 |
| WOODSTOWN | MAX MIN | 86 67 | 89 66 | 91 73 | 91 73 | 87 65 | 85 68 | 82 67 | 91 71 | 89 65 | 88 69 | 84 68 | 79 68 | 78 64 | 83 60 | 87 72 | 79 66 | 80 62 | | 82 59 | 87 59 | 90 70 | 87 71 | 87 65 | 80 67 | 80 55 | 82 52 | 88 58 | 92 69 | 91 69 | 93 78 | 90 72 | 85.9 66.3 |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|--------------------------|----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------|---------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------------------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | EVAP WIND MAX MIN | .14 42 90 72 | .29 46 94 73 | .38 54 95 75 | .15 52 90 73 | .10 40 90 70 | .26 60 85 69 | .19 50 85 69 | .29 80 92 73 | .32 80 95 70 | .17 63 93 72 | .15 53 88 72 | .15 55 83 65 | .00 26 79 69 | .13 50 92 66 | .16 45 88 75 | .14 73 83 64 | .27 89 74 64 | * | * | .21 76 90 64 | .23 80 95 72 | .22 55 88 61 | .18 40 85 61 | .14 78 82 69 | .20 62 85 61 | .21 49 82 58 | .19 48 90 72 | .24 57 91 72 | .20 61 95 72 | .25 71 97 74 | .19 50 92 74 | 5.75 1885 88.7 69.8 |
| CANOE BROOK | EVAP WIND | - 35 | .15 15 | .16 16 | .13 19 | .03 11 | .01 21 | .13 10 | .17 15 | .19 22 | .14 18 | .15 28 | .04 14 | .10 11 | .02 3 | .04 11 | .17 25 | .08 25 | .16 21 | - 20 | - 46 | .18 13 | - 15 | .12 11 | .10 13 | .23 22 | .10 20 | .20 15 | .07 12 | .25 3 | .15 19 | .22 15 | 84.01 544 |

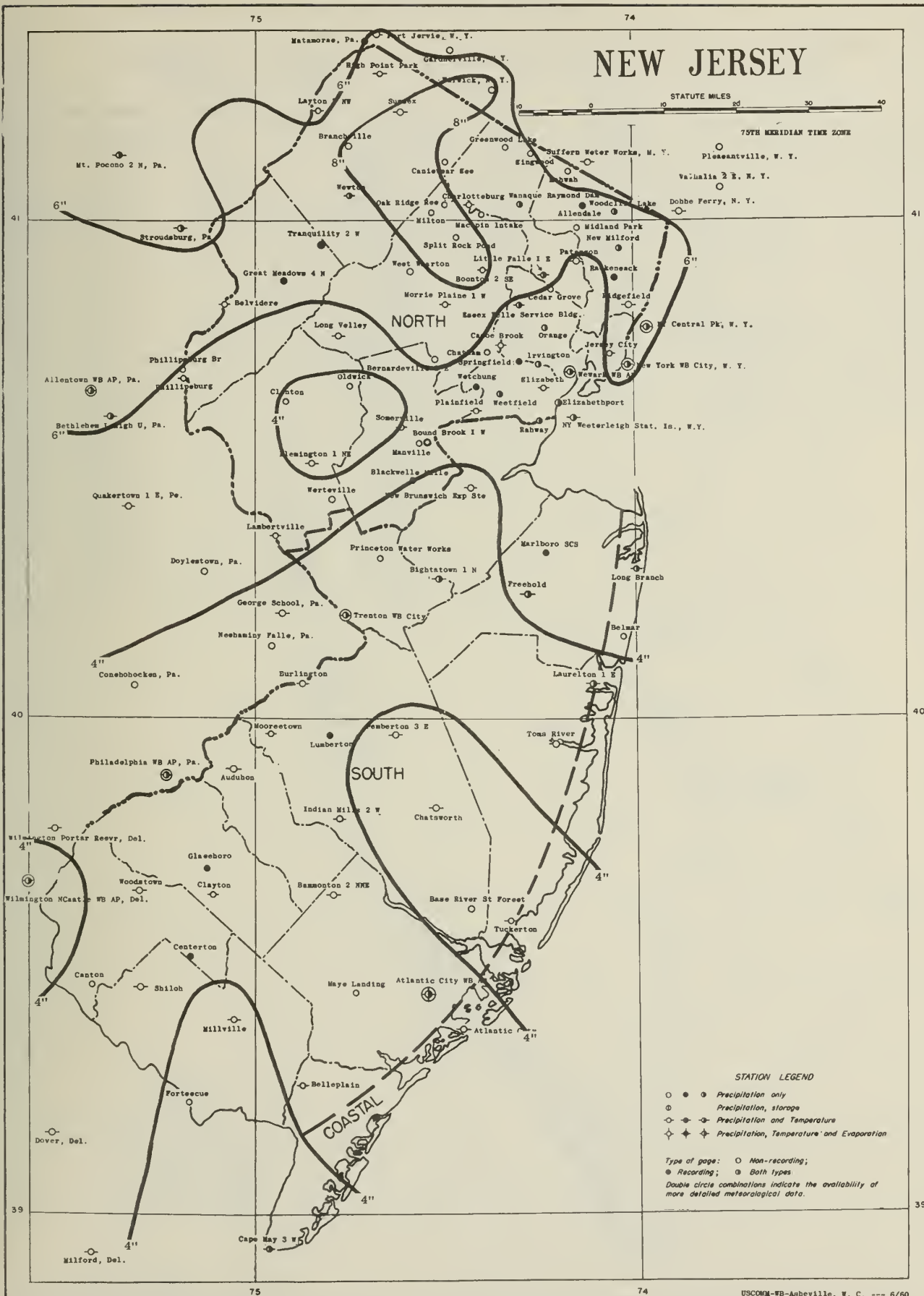
DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 80 69 | 81 71 | 80 72 | 74 70 | 72 69 | 80 69 | 79 69 | 81 73 | 82 69 | 82 72 | 76 70 | 78 68 | 72 68 | 74 68 | 80 70 | 75 69 | 79 66 | 76 66 | 70 68 | 77 66 | 79 71 | 77 71 | 77 70 | 78 67 | 77 65 | 78 62 | 78 65 | 81 66 | 81 70 | 81 72 | 75 72 | 77.8 64.1 |
| 2 INCHES | MAX MIN | 77 70 | 78 71 | 77 72 | 74 70 | 71 69 | 77 69 | 76 69 | 78 89 | 79 72 | 75 69 | 75 71 | 72 68 | 73 69 | 70 68 | 73 70 | 73 69 | 76 67 | 74 67 | 70 68 | 75 67 | 78 70 | 76 71 | 77 70 | 76 69 | 75 66 | 75 66 | 76 66 | 78 70 | 78 71 | 79 72 | 74 73 | 75.8 69.4 |
| 4 INCHES | MAX MIN | 77 70 | 77 71 | 78 72 | 74 70 | 71 69 | 78 69 | 76 69 | 78 72 | 78 69 | 79 72 | 75 71 | 75 69 | 76 70 | 73 68 | 77 70 | 73 69 | 75 68 | 74 67 | 70 68 | 73 67 | 75 70 | 76 71 | 75 71 | 76 69 | 74 66 | 74 66 | 75 66 | 78 70 | 78 71 | 79 72 | 73 72 | 75.4 69.5 |
| 8 INCHES | MAX MIN | 74 70 | 75 71 | 75 73 | 74 71 | 71 70 | 74 70 | 74 70 | 76 72 | 75 71 | 76 72 | 75 73 | 73 71 | 72 69 | 71 69 | 73 70 | 72 70 | 72 70 | 72 69 | 70 68 | 72 68 | 75 70 | 74 71 | 75 71 | 74 69 | 71 69 | 72 67 | 73 68 | 75 71 | 75 72 | 76 73 | 74 72 | 73.6 70.6 |
| 12 INCHES | MAX MIN | 71 70 | 72 71 | 73 73 | 73 71 | 70 70 | 71 70 | 72 70 | 73 71 | 73 71 | 74 72 | 74 72 | 72 71 | 71 70 | 70 70 | 72 71 | 71 70 | 71 70 | 71 69 | 70 69 | 70 68 | 72 69 | 73 71 | 72 71 | 71 71 | 70 69 | 71 69 | 70 69 | 71 70 | 73 71 | 73 72 | 74 71 | 71.8 70.5 |
| 16 INCHES | MAX MIN | 71 70 | 71 70 | 71 70 | 71 70 | 70 70 | 70 70 | 71 70 | 71 70 | 71 71 | 72 72 | 72 71 | 71 70 | 71 70 | 70 70 | 70 70 | 70 69 | 70 69 | 70 69 | 70 68 | 70 68 | 70 69 | 71 70 | 71 70 | 71 70 | 70 69 | 70 69 | 70 69 | 70 70 | 71 71 | 72 71 | 72 71 | 70.7 69.9 |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Elektronik Potentiometer.

TOTAL PRECIPITATION

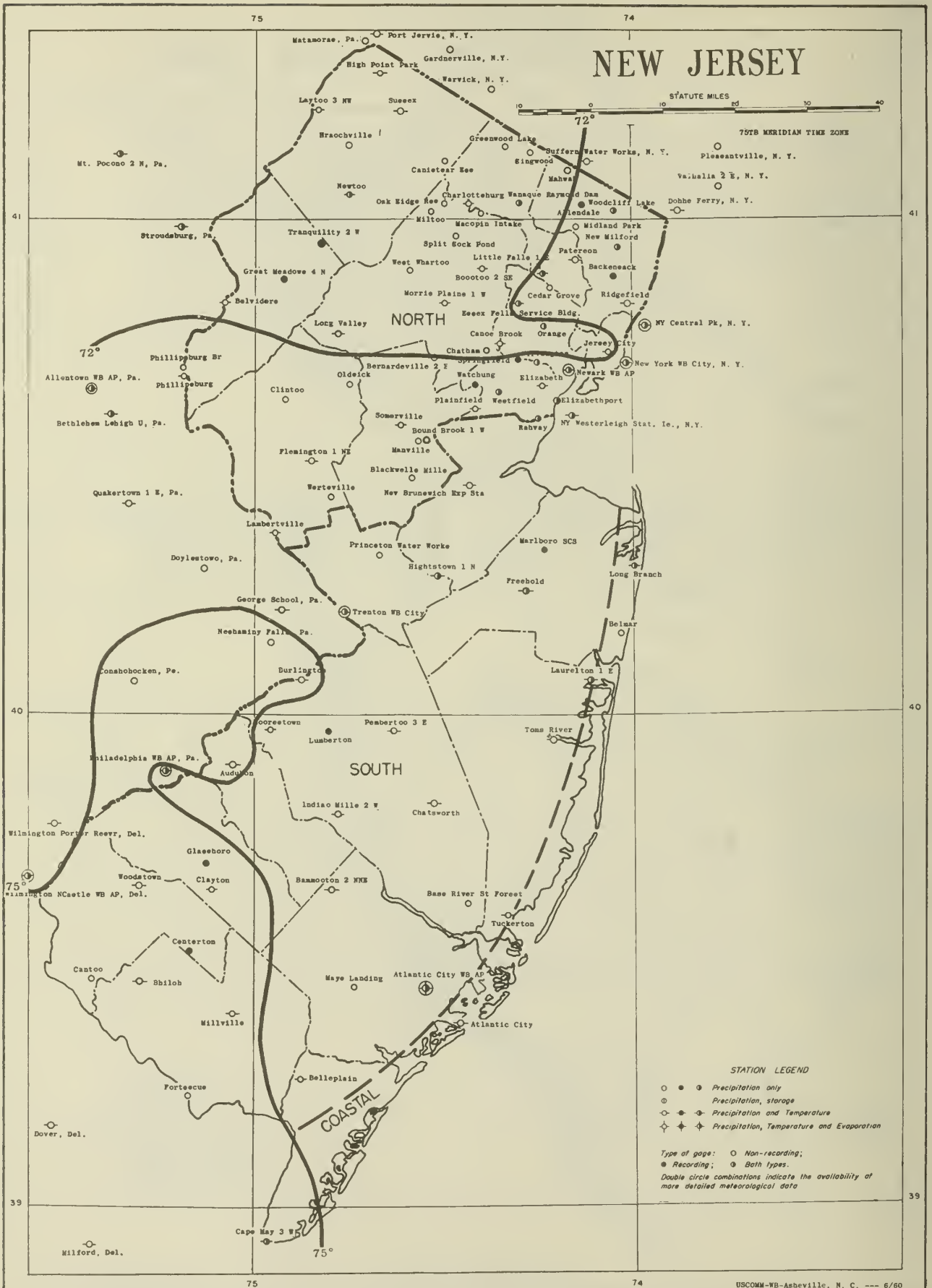
NEW JERSEY
AUGUST 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
AUGUST 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
AUGUST 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | | OBSERVER |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------------------|--|--------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (see notes) | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MIO | MIO | 7P | C H J | | U.S. & WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 30 | MIO | MIO | | | | STATE MARINA |
| AUDUBON | 0346 | CANON | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0526 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | 6P | | | | N.J. FORESTRY SERVICE |
| DELLEPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | | | | | MRS. E. C. HOFFMAN |
| DELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | | 8A | | | | BEHAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | TA | | | | BERNARDUS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | | TA | | | | HENRY M. MILLER |
| BOONTON 2 SE | 0907 | MORRIS | 6 | 40 54 | 74 24 | 280 | 8A | 8A | | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | | 8A | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0976 | SUSSEX | 5 | 41 09 | 74 45 | 580 | TA | | | | | ALBERT M. OVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | | | | | PUBLIC SVCS. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1080 | | 8A | | | | NEWARK WATER DEPARTMENT |
| CANOE CROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | | 9A | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 36 56 | 74 57 | 17 | 5P | 5P | | | | N. WEST MAGNESITE CO. |
| CEAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | | 6A | | | | J. A. PLUNKETT |
| CERTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | JOHN HOPKINS UN. |
| CHARLOTTERBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | | NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 6 | 40 44 | 74 23 | 185 | | 8A | | | | EDWARD P. HOLTOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | | EARL M. KERCHNER |
| CLAYTON | 1706 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | | 6P | | | | J. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | | | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MIO | | | | | SEWAGE TREATMENT PLANT |
| ESSEX FIELDS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 10 | 250 | 8A | 8A | | | | BOROUGH ESSEX FIELDS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | | JOHN YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | 7A | | | | DONALD LOPER |
| FREEHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | | FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | | | PROF. J. B. SANDPEE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | TA | | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 55 | 74 03 | 10 | | | | | | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 16 | 74 40 | 1970 | 8A | 6A | | | | N. J. DEPT. OF CONS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | | JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | TP | 7P | | | | EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MIO | | | | | JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 06 | 135 | MIO | | | | | JERSEY CITY WATER DEPT. |
| LANCASTERVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | E. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MIO | MIO | | | | GEORGE G. WOODILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | | N. J. DEPT. |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | 9A | | | | N. J. DEPT. OF CONS. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 73 59 | 34 | MIO | MIO | | | | WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | | ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 56 | 74 48 | 25 | | | | | | JAMES LAWTON |
| MACON IN-TAKE | 5071 | PASSAIC | 6 | 41 01 | 74 24 | 584 | | 9A | | | | NEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 6 | 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MIO | | | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | | GERDOR BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | | ELMER EARLE |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MIO | | | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MIO | | | | N. J. GALLAHER |

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|------------------|----------|--------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL NOTES | | |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MIO | MIO | | | | FED. AVIATION AGENCY |
| HILTON | 5591 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 58 | NIO | 8A | | | | M. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | | JAMES C. LONG |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MIO | MIO | | | | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MONMOUTH | 10 | 40 28 | 74 26 | 86 | 5P | | | | | ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | | MIO | | | | HACKENSACK WATER CO. |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | | NEWTON WTR. & SWR. COMM. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | | 8A | | | | NEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | | 8A | | | | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | | MIO | | | | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 6A | | | | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 5P | 5P | | | | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | | SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 194 | | 9A | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | | | | | MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | | MIO | | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 18 | 20 | | MIO | | | | RAHWAY VLT. & SWG. AUTH. |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MIO | MIO | | | | GEORGE P. KRISTEN |
| RINGWOOD | 7587 | PASSAIC | 6 | 41 08 | 74 16 | 308 | | 10A | | | | N. J. DEPT. OF SUPPLY |
| SHILOH | 6051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | | | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | | W. E. HAVER |
| SPLIT ROCK POND | 8402 | MORRIS | 6 | 40 58 | 74 28 | 800 | | 10A | | | | JERSEY CITY W. & W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | TA | | | | N. J. DEPT. OF CONS. |
| SUSSEX | 8444 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | | | | | BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | | | | | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 51 | 74 50 | 551 | | MIO | | | | H. J. ERVEY |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MIO | MIO | | | | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | | REV. WALTER T. GAMER |
| WANAQUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | 6A | | | | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | | BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | | ROBERT M. HANNERS |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | | 7A | | | | CITY ENGINEER |
| WEST WHARTON | 9608 | MORRIS | 6 | 40 54 | 74 36 | 680 | | 7A | | | | N. J. DEPT. & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MIO | | | | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | | CREAM VALLEY DAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Snowfall and Snow on Ground" Table; "Daily Soil Temperature" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

AM Data based on observational day ending before noon.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

SEPTEMBER 1960
Volume 65 No. 9



THE LIBRARY OF THE
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ASHEVILLE: 1960

NEW JERSEY - SEPTEMBER 1960
TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 93° on the 1st at Burlington

Lowest Temperature: 37° on the 15th at Long Valley

Greatest Total Precipitation: 12.89 inches at Clayton

Least Total Precipitation: 3.50 inches at Atlantic City

Greatest One Day Precipitation: 7.07 inches on the 12th at Chatsworth

SPECIAL WEATHER SUMMARY

The outstanding event in September was the passage of hurricane DONNA along the New Jersey coast on the 12th. As DONNA moved northeastward off the New Jersey coast, damaging winds, heavy rains and high tides struck the coastal areas of the State. Winds gusting up to 100 mph swept the coast, decreasing inland to gale force, and less in the extreme northwest. Rainfall was generally in the 3 to 6 inch range, with Seabrook reporting nearly 8 1/2 inches. At Atlantic City tides reached 5.7 feet above normal. The counties of Cape May, Atlantic, Ocean and Monmouth suffered the greatest damage, with numerous boats, docks, boardwalks and cottages damaged or destroyed. Minor overflows of all streams, moderate on the Raritan River, caused losses that are considerable in the aggregate.

The Delaware River reached about 2/3 bankfull at Trenton, but did not overflow below Port Jervis, New York. The most serious agricultural losses were the dropping of about 1/3 of the State's apple crop. Damage to apple and peach trees was considerable. Corn, sudan grass and sorghum harvests were hampered because these crops suffered much wind damage. Nine deaths were attributed to the hurricane, directly or indirectly, including deaths by drowning, heart attack, electrocution by downed power lines, and auto accidents at the height of the storm.

Donald V. Dunlap
State Climatologist
U. S. Weather Bureau
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
SEPTEMBER 1960

| Station | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|------------|------------|-------------|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No of Days | | |
| | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | 90° or Above | 80° or Below | 70° or Below | 60° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | |
| BELVOIERE | 73.6 | 54.5 | 64.1 | - 1.9 | 87 | 1 | 42 | 15 | 72 | 0 | 0 | 0 | 0 | 7.60 | 3.87 | 3.83 | 12 | .0 | 0 | | 8 | 5 | 2 |
| BOONTON 2 SE | 74.0 | 54.2 | 64.1 | .6 | 88 | 2 | 42 | 15 | 72 | 0 | 0 | 0 | 0 | 7.51 | 3.23 | 2.70 | 12 | .0 | 0 | | 9 | 3 | 3 |
| CANOE BROOK | 73.9 | 54.8 | 64.4 | .3 | 88 | 2 | 45 | 15 | 63 | 0 | 0 | 0 | 0 | 7.16 | 2.77 | 2.34 | 12 | .0 | 0 | | 10 | 3 | 2 |
| CHARLOTTEBURG | 72.7 | 51.4 | 62.1 | - .5 | 86 | 2 | 40 | 15 | 117 | 0 | 0 | 0 | 0 | 8.49 | 4.09 | 2.75 | 13 | .0 | 0 | | 7 | 4 | 4 |
| ELIZABETH | 76.6 | 55.1 | 65.9 | - 1.3 | 88 | 9+ | 44 | 15+ | 39 | 0 | 0 | 0 | 0 | 8.03 | 3.69 | 3.71 | 12 | .0 | 0 | | 8 | 6 | 2 |
| ESSEX FELS SERV BLOC | 73.6 | 54.0 | 63.8 | | 87 | 2 | 43 | 24 | 74 | 0 | 0 | 0 | 0 | 6.88 | | 2.70 | 12 | .0 | 0 | | 9 | 3 | 3 |
| FLEMINGTON 1 NE | 77.5 | 53.9 | 65.7 | - 1.1 | 89 | 1 | 41 | 15+ | 43 | 0 | 0 | 0 | 0 | 7.64 | 4.15 | 3.64 | 12 | .0 | 0 | | 9 | 5 | 2 |
| HIGH POINT PARK | 70.0 | 51.3 | 60.7 | | 85 | 9+ | 44 | 14+ | 153 | 0 | 0 | 0 | 0 | 7.61 | | 3.11 | 13 | .0 | 0 | | 7 | 3 | 3 |
| JERSEY CITY | 71.9 | 58.3 | 65.1 | - 1.9 | 87 | 1 | 50 | 23 | 49 | 0 | 0 | 0 | 0 | 7.03 | 3.17 | 1.90 | 12 | .0 | 0 | | 10 | 6 | 2 |
| LAMBERTVILLE | 77.7 | 55.9 | 66.8 | .8 | 92 | 9 | 44 | 15+ | 26 | 2 | 0 | 0 | 0 | 7.07 | 3.78 | 3.73 | 12 | .0 | 0 | | 8 | 4 | 2 |
| LAYTON 3 NW | 73.6 | 53.8 | 63.7 | 1.6 | 88 | 1 | 39 | 15 | 77 | 0 | 0 | 0 | 0 | 9.11 | 4.36 | 3.72 | 12 | .0 | 0 | | 8 | 4 | 3 |
| LITTLE FALLS 1 E | 76.3 | 55.3 | 65.8 | .1 | 92 | 2 | 43 | 27 | 48 | 1 | 0 | 0 | 0 | 6.62 | 2.02 | 2.06 | 12 | .0 | 0 | | 8 | 3 | 2 |
| LONG VALLEY | 73.9 | 52.1 | 63.0 | | 88 | 1 | 37 | 15 | 97 | 0 | 0 | 0 | 0 | 6.86 | 2.97 | 3.60 | 12 | .0 | 0 | | 7 | 4 | 1 |
| MORRIS PLAINS | 73.2 | 52.1 | 63.2 | | 89 | 7 | 41 | 15 | 90 | 0 | 0 | 0 | 0 | 6.53 | | 2.25 | 12 | .0 | 0 | | 9 | 3 | 3 |
| NEWARK WB AIRPORT | 74.2 | 59.5 | 67.9 | 1.1 | 92 | 1 | 50 | 14 | 14 | 1 | 0 | 0 | 0 | 6.23 | 2.34 | 2.05 | 12 | .0 | 0 | | 8 | 4 | 2 |
| NEWTON | 72.9 | 51.8 | 62.4 | - .7 | 89 | 2 | 39 | 15 | 114 | 0 | 0 | 0 | 0 | 6.61 | 2.75 | 2.23 | 13 | .0 | 0 | | 8 | 3 | 3 |
| PATERSON | 75.7 | 56.4 | 66.1 | - .3 | 90 | 2 | 47 | 15 | 42 | 1 | 0 | 0 | 0 | 6.94 | 2.75 | 2.40 | 12 | .0 | 0 | | 7 | 3 | 2 |
| PHILLIPSBURG | 77.3 | 54.5 | 65.9 | .7 | 89 | 2+ | 43 | 15 | 39 | 0 | 0 | 0 | 0 | 6.46 | 2.44 | 4.20 | 12 | .0 | 0 | | 6 | 3 | 1 |
| PLAINFIELD | 76.1 | 56.3 | 66.2 | .1 | 89 | 1 | 44 | 15 | 33 | 0 | 0 | 0 | 0 | 6.76 | 2.25 | 4.04 | 12 | .0 | 0 | | | | 2 |
| RIOGFIELD | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | 76.3 | 55.9 | 66.1 | .1 | 88 | 1 | 43 | 15 | 37 | 0 | 0 | 0 | 0 | 6.93 | 3.49 | 3.63 | 12 | .0 | 0 | | 9 | 4 | 1 |
| SUSSEX | 71.8M | 52.3M | 62.1M | - 1.7 | 86 | 2 | 42 | 16+ | 117 | 0 | 0 | 0 | 0 | 7.51 | 3.85 | | | .0 | 0 | | | | |
| DIVISION | | | 64.5 | - .5 | | | | | | | | | | 7.17 | 3.14 | | | .0 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 76.5 | 59.3 | 67.9 | .5 | 88 | 1 | 48 | 23 | 20 | 0 | 0 | 0 | 0 | 4.03 | .66 | 3.06 | 12 | .0 | 0 | | 5 | 1 | 1 |
| AUDUBON | 77.6 | 57.9 | 67.8 | | 90 | 1 | 48 | 23+ | 20 | 1 | 0 | 0 | 0 | 9.05 | | 5.05 | 12 | .0 | 0 | | 7 | 4 | 2 |
| BELLEPLAIN | 76.4 | 58.2 | 67.3 | | 88 | 9 | 42 | 14 | 35 | 0 | 0 | 0 | 0 | 4.05 | .01 | | | .0 | 0 | | | | |
| BURLINGTON | 77.8 | 57.9 | 67.9 | - .9 | 93 | 1 | 46 | 30 | 36 | 2 | 0 | 0 | 0 | 7.08 | 3.35 | 4.29 | 12 | .0 | 0 | | 9 | 2 | 1 |
| CHATSWORTH | 77.7M | 56.2M | 67.0M | | 88 | 1 | 44 | 23 | 29 | 0 | 0 | 0 | 0 | 10.30 | | 7.07 | 12 | .0 | 0 | | 7 | 3 | 1 |
| CLAYTON | 76.9 | 59.2 | 68.1 | | 86 | 1 | 49 | 24+ | 20 | 0 | 0 | 0 | 0 | 12.89 | | 6.49 | 12 | .0 | 0 | | 10 | 6 | 5 |
| FREEHOLD | 75.2 | 57.4 | 66.3 | - .1 | 86 | 9+ | 45 | 23 | 34 | 0 | 0 | 0 | 0 | 7.19 | 3.32 | 5.19 | 12 | .0 | 0 | | 5 | 2 | 1 |
| HAMMONTON 2 NNE | 78.3 | 57.3 | 67.8 | .2 | 88 | 2 | 47 | 23 | 20 | 0 | 0 | 0 | 0 | 12.05 | 8.56 | 4.80 | 13 | .0 | 0 | | 9 | 7 | 4 |
| HIGHTSTOWN 1 N | 75.4 | 56.3 | 65.9 | - .2 | 88 | 9 | 45 | 23 | 42 | 0 | 0 | 0 | 0 | 8.16 | 4.05 | 4.80 | 12 | .0 | 0 | | 9 | 4 | 1 |
| INDIAN MILLS 2 W | 77.6 | 55.4 | 66.5 | - .5 | 88 | 9+ | 41 | 23 | 39 | 0 | 0 | 0 | 0 | 9.44 | 5.99 | 5.05 | 12 | .0 | 0 | | 9 | 5 | 2 |
| LAURELTON 1 E | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | 78.4M | 58.8M | 68.6M | | 89 | 2 | 49 | 23 | 17 | 0 | 0 | 0 | 0 | 8.07 | | 5.33 | 13 | .0 | 0 | | 9 | 3 | 1 |
| MILLVILLE FAA AIRPORT | 78.6 | 58.0 | 68.3 | | 88 | 1 | 46 | 23 | 24 | 0 | 0 | 0 | 0 | 6.85 | | 4.15 | 12 | .0 | 0 | | 9 | 2 | 1 |
| MOORESTOWN | 75.8 | 56.9 | 66.4 | .1 | 88 | 1 | 45 | 23 | 36 | 0 | 0 | 0 | 0 | 9.14 | 5.47 | 3.17 | 13 | .0 | 0 | | 9 | 4 | 3 |
| NEW BRUNSWICK EXP STA | 76.0 | 57.4 | 66.7 | .1 | 88 | 5+ | 46 | 15 | 30 | 0 | 0 | 0 | 0 | 7.84 | 3.65 | 4.47 | 12 | .0 | 0 | | 9 | 4 | 2 |
| PEMBERTON 3 E | 77.6 | 55.8 | 66.7 | - .8 | 88 | 9+ | 42 | 23 | 32 | 0 | 0 | 0 | 0 | 9.58 | 5.89 | 5.09 | 12 | .0 | 0 | | 9 | 5 | 3 |
| SHILOH | 77.9 | 59.0 | 68.5 | .5 | 88 | 1 | 48 | 25+ | 20 | 0 | 0 | 0 | 0 | 10.56 | 6.65 | 5.86 | 12 | .0 | 0 | | 9 | 4 | 3 |
| TOMS RIVER | 77.8 | 56.2 | 66.0 | | 88 | 1 | 42 | 23 | 45 | 0 | 0 | 0 | 0 | 7.04 | | 3.41 | 12 | .0 | 0 | | 4 | 4 | 2 |
| TRENTON WB CITY | 74.8 | 58.5 | 66.7 | - .3 | 88 | 1 | 49 | 27 | 31 | 0 | 0 | 0 | 0 | 6.70 | 2.95 | 3.18 | 12 | .0 | 0 | | 8 | 5 | 1 |
| TUCKERTON | 75.7 | 57.7 | 66.7 | | 88 | 1 | 43 | 23 | 34 | 0 | 0 | 0 | 0 | 3.89 | | 2.00 | 12 | .0 | 0 | | 7 | 2 | 1 |
| WOODSTOWN | 78.1M | 58.0M | 68.1M | | 89 | 1 | 48 | 27+ | 19 | 0 | 0 | 0 | 0 | 11.97 | | 6.92 | 12 | .0 | 0 | | 8 | 5 | 4 |
| DIVISION | | | 67.3 | .4 | | | | | | | | | | 8.29 | 4.51 | | | .0 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 73.5 | 62.5 | 68.0 | - .3 | 87 | 1 | 53 | 14 | 16 | 0 | 0 | 0 | 0 | 3.50 | -.01 | 2.05 | 12 | | | | 5 | 1 | 1 |
| CAPE MAY 3 W | 78.0 | 63.2 | 70.6 | | 86 | 2 | 53 | 24 | 6 | 0 | 0 | 0 | 0 | 7.52 | | 6.35 | 12 | .0 | 0 | | 6 | 1 | 1 |
| LONG BRANCH | 72.9 | 59.4 | 66.2 | .1 | 87 | 1 | 49 | 23+ | 32 | 0 | 0 | 0 | 0 | 7.72 | 3.71 | 4.41 | 12 | .0 | 0 | | 6 | 3 | 2 |
| DIVISION | | | 68.3 | .6 | | | | | | | | | | 6.25 | 2.51 | | | .0 | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
SEPTEMBER 1960

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|----------------|-----|-----|-----|-----|---|---|---|-----|------|------|------|------|------|-----|-----|----|-----|------|------|------|-----|----|----|----|----|-----|-----|-----|------|------|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIR | 4.03 | T | | | | | | | | | .14 | .02 | .23 | 3.06 | | | | | | .20 | T | .24 | T | | | | | | .01 | .02 | .06 | .05 | |
| ATLANTIC CITY | 3.50 | | | | | | | | | | .49 | .01 | .23 | 2.05 | .37 | | | | | .08 | .04 | .10 | | | | | | | .02 | .01 | .08 | .02 | |
| AUBOON | 9.05 | | | | T | | | | | | 1.45 | | .95 | 5.05 | T | | | | | T | .68 | T | | | | | | | .25 | .24 | .43 | | |
| BASS RIVER ST FOREST | 4.45 | .16 | | | | | | | | | | | | | 3.71 | | | | | .17 | .08 | | | | | | | | .10 | .14 | .09 | | |
| BELLERPLAIN | 4.05 | .21 | | | | .09 | | | | | | | | 3.06 | | | | | | .38 | | .31 | | | | | | | | | | | |
| BELMAP | - | .77 | | | | | | | | | | | | 4.19 | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | | |
| BELVIOERE | 7.60 | | .02 | | T | .06 | | | | | | .35 | .79 | 3.83 | .01 | .05 | | | | .18 | .58 | 1.00 | | | | | | | | .19 | .60 | | |
| BERNARDSVILLE 2 E | 7.26 | .12 | | | | | | | | | | .66 | .03 | 2.23 | 2.00 | .03 | | | | .05 | .39 | 1.53 | | | | | | | | | | | |
| BLACKWILLS MILLS | 7.13 | .37 | | | | | | | | | | .52 | T | 1.76 | 2.24 | .03 | | | | .11 | .34 | .98 | T | | | | | | .07 | | .71 | | |
| BOONTON 2 SE | 7.51 | .15 | | | | .12 | | | | | | .14 | .23 | 2.70 | 1.72 | T | | | | .07 | .36 | 1.68 | T | | | | | | | | .34 | | |
| BOUND BROOK 1 W | 7.43 | .11 | | | | | | | | | | .62 | T | 2.98 | 1.73 | .01 | T | | | .09 | .48 | .80 | T | | | | | | | T | .61 | | |
| BRANCHVILLE | 7.70 | .06 | | | | .19 | | | | | | .33 | .07 | 1.74 | 2.82 | .03 | | | | | .36 | 1.48 | T | | | | | | | T | .62 | | |
| BURLINGTON | 7.08 | | | | | .02 | | | | | T | .70 | .46 | 4.29 | | | | | | .15 | .47 | .11 | | | | | | | .25 | .17 | .46 | | |
| CANISTEAR RESERVOIR | 7.10 | .28 | | | | .07 | | | | | | .03 | .07 | 1.57 | 2.92 | T | | | | .07 | .16 | 1.74 | T | | | | | | | | .19 | | |
| CANOE BROOK | 7.16 | .12 | | | | .02 | | | | | | .48 | .17 | 2.34 | 1.92 | .21 | | | | .10 | .39 | .98 | T | | | | | .01 | T | | .42 | | |
| CANTON | 9.75 | .07 | | | | | | | | | | .80 | .15 | 1.87 | 4.18 | .29 | | | | .10 | .28 | .15 | | | | | | | .02 | * | 1.84 | | |
| CAPE MAY 3 W | 7.52 | .42 | T | | | | | | | | | .15 | .15 | 6.35 | | | | | | .05 | .17 | | | | | | | | | | | | |
| CEDAR GROVE | 8.03 | .30 | | | | | | | | | | .45 | .15 | 2.55 | 2.30 | .20 | | | | .12 | .48 | 1.03 | | | | | | | | .10 | .04 | .09 | |
| CHARLOTTEBURG | 8.49 | 1.18 | | | | | | | | .07 | | | .08 | 2.35 | 2.75 | | | | | .10 | .20 | 1.48 | | | | | | | | | | .28 | |
| CHATHAM | 6.92 | .11 | | | | .02 | | | | | | .50 | .23 | 2.00 | 1.92 | .20 | | | | .02 | .44 | 1.12 | | | | | | | | | | .36 | |
| CHAT-WORTH | 10.30 | .30 | | | | | | | | | | .07 | .95 | 7.07 | | | | | | | .33 | .44 | | | | | | | | .13 | .07 | .94 | |
| CLAYTON | 12.89 | 1.65 | | | | | | | | | | 1.05 | 1.15 | 6.49 | .20 | .10 | | | | .15 | 1.05 | T | | | | | | | .90 | .15 | T | | |
| CLINTON | 4.49 | | | | | | | | | | | .28 | .77 | 3.00 | | | | | | .14 | .61 | 1.01 | | | | | | | | | | | |
| ELIZABETH | 8.03 | | | | | .03 | | | | | | .55 | .65 | 3.71 | | | | | | .31 | 1.06 | .98 | T | T | | | | | .02 | .20 | .52 | | |
| ELIZABETHPORT | 7.17 | | | | | | | | | | .42 | .15 | .80 | 3.70 | | | | | | .22 | 1.07 | .05 | | | | | | | | .08 | .14 | .54 | |
| ESSEX FIELDS SERV BLOC | 6.88 | .12 | | | | | | | | | | .11 | 2.70 | 2.10 | .30 | | | | | .15 | 1.00 | | | | | | | | | * | | .40 | |
| FLEMINGTON 1 NE | 7.64 | T | T | | T | T | | | | | | .86 | .63 | 3.64 | .20 | | | | | .18 | .63 | 1.05 | .02 | | | | | | | | .18 | .25 | |
| FORTESCUE | 7.45 | .30 | | | | | | | | | | .29 | .46 | .60 | .60 | .08 | | | | .36 | .03 | .25 | | | | | | | | .75 | .03 | .16 | |
| FREEHOLD | 7.19 | | | | | | | | | | | .09 | .44 | 5.19 | .01 | | | | | .08 | .30 | .16 | | | | | | | .02 | .08 | .77 | | |
| GREENWOOD LAKE | 7.88 | .43 | | | | .07 | | | | | | .15 | 2.50 | 2.75 | .02 | | | | | .08 | .20 | 1.42 | | | | | | | | | | .26 | |
| HAMMONTON 2 NNE | 12.05 | .52 | | | | | | | | | | .06 | 1.09 | 3.10 | 4.80 | .14 | | | | .62 | .13 | | | | | | | | | .51 | .08 | 1.00 | |
| HIGH POINT PARK | 7.61 | | | | | .16 | | | | | | .08 | .01 | 1.73 | 3.11 | | | | | .19 | .29 | 1.62 | .05 | | | | | | | | .39 | | |
| HIGHTSTOWN 1 N | 8.16 | | | | .01 | | | | | | | .25 | .61 | 4.80 | .18 | | | | | .20 | .84 | .06 | | | | | | | .55 | .25 | .41 | | |
| INDIAN HILLS 2 W | 9.44 | .18 | | | | | | | | | | .18 | .97 | 5.05 | .06 | | | | | .03 | .63 | .24 | | | | | | | .70 | .12 | 1.28 | | |
| IRVINGTON | 5.95 | | | | .01 | | | | | | | .42 | .02 | 1.24 | 2.42 | .01 | | | | .16 | 1.00 | .10 | | | | | | | .01 | .18 | .38 | | |
| JERSEY CITY | 7.03 | | | | .07 | | | | | | .44 | .90 | .55 | 1.90 | .07 | | | | | .18 | 1.30 | .84 | | | | | | | .14 | .14 | .50 | | |
| LAMBERTVILLE | 7.07 | .02 | | | | | | | | | | .32 | 1.03 | 3.73 | .06 | | | | | .18 | .67 | .76 | | | | | | | | .15 | .15 | | |
| LAURELTON 1 E | | RECORD MISSING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | 8.11 | | | | .30 | | | | | | | .10 | .60 | 3.72 | .04 | | | | | 1.43 | .35 | 1.08 | | | | | | | | .09 | .40 | | |
| LITTLE FALLS 1 E | 6.62 | .24 | | | .07 | | | | | | | .29 | .29 | 2.06 | 1.87 | .08 | | | | .01 | .45 | .93 | T | | | | | | | | | .33 | |
| LONG BRANCH | 7.72 | | | | | | | | | | .11 | 1.55 | 4.41 | T | | | | | | .08 | .39 | .09 | | | | | | | .08 | .13 | .88 | | |
| LONG VALLEY | 6.86 | | | | .01 | | | | | | .15 | .75 | 3.60 | .02 | | | | | | .25 | .98 | .95 | | | | | | | | | | .15 | |
| MACOPIN INTAKE | 7.92 | .07 | | | | .06 | | | | | | .10 | .07 | 2.75 | 2.42 | | | | | .11 | .45 | 1.63 | | | | | | | | | .26 | | |
| MAHWAH | 7.49 | .33 | | | .12 | | | | | | | .16 | .28 | 1.68 | 2.17 | | .01 | | | .07 | .18 | 2.05 | | | | | | | | | | .44 | |
| MANVILLE | 6.42 | | | | | | | | | | .48 | T | 1.65 | 2.68 | .04 | | | | | .34 | .35 | .20 | | | | | | | | T | .19 | .49 | |
| MAYS LANDING | 6.67 | .20 | | | | | | | | | | .30 | .23 | 5.25 | | | | | | .25 | .10 | .10 | | | | | | | .08 | .06 | .10 | | |
| MIDLAND PARK | 6.34 | | | | .08 | | | | | | .20 | .03 | .94 | 3.30 | .01 | | | | .01 | .20 | .82 | | | | | | | | | .70 | .25 | | |
| MILLVILLE | 8.07 | .08 | | | .08 | | | | | | | .21 | .04 | .68 | 5.33 | | | | | .20 | .01 | .33 | | | | | | | .17 | .60 | .22 | .12 | |
| MILLVILLE FAA AIRPORT | 6.85 | | | .11 | | | | | | | .30 | .05 | .99 | 4.15 | T | | | | | .21 | T | .09 | | | | | | | .18 | .45 | .22 | .10 | |
| MILTON | 7.18 | .05 | | | .16 | | | | | | | .17 | .48 | 2.02 | 2.08 | .05 | | | | .17 | .55 | 1.18 | | | | | | | | | | .27 | |
| MOORESTOWN | 9.14 | .11 | | | .08 | | | | | | | 1.31 | 2.61 | 3.17 | .06 | | | | | .11 | .41 | .16 | | | | | | | | .36 | .07 | .69 | |
| MORRIS PLAINS | 6.53 | .11 | | | .03 | | | | | | | .15 | .22 | 2.25 | 1.66 | T | | | | .10 | .39 | 1.39 | T | | | | | | | T | .23 | | |
| NEWARK WB AIRPORT | 6.23 | | | | | | | | | | .36 | .03 | 1.03 | 2.05 | .02 | | | | | .27 | .91 | .77 | | | | | | | .08 | .20 | .49 | | |
| NEW BRUNSWICK EXP STA | 7.84 | | | | .02 | | | | | | | .52 | .85 | 4.47 | T | | | | | .21 | 1.08 | .10 | | | | | | | .18 | .23 | .60 | | |
| NEW MILFORD | 6.82 | | | | .06 | | | | | | .08 | .12 | 1.20 | 3.86 | .12 | | | | | .04 | .76 | .34 | | | | | | | | | .10 | .14 | |
| NEWTON | 6.61 | .04 | | | .10 | | | | | | | .20 | .09 | 1.52 | 2.23 | .02 | | | | .15 | .26 | 1.65 | T | | | | | | | | | .35 | |
| OAK RIDGE RESERVOIR | 7.85 | .19 | | | .15 | | | | | | | .16 | .08 | 2.24 | 2.89 | | | | | .14 | .21 | 1.54 | | | | | | | | .04 | .21 | | |
| OLWICK | 6.16 | .05 | T | | | | | | | | | .34 | .33 | 1.76 | 1.65 | .01 | | | | .01 | .62 | 1.14 | T | | | | | | | | | .25 | |
| ORANGE | 6.06 | | | | | | | | | | | | | 3.13 | .37 | .04 | | | | .10 | .07 | .20 | | | | | | | | * | | | |

DAILY TEMPERATURES

NEW JERSEY
SEPTEMBER 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX | 88 | 82 | 75 | 81 | 81 | 79 | 80 | 83 | 83 | 80 | 80 | 75 | 79 | 71 | 77 | 80 | 71 | 76 | 78 | 75 | 72 | 73 | 75 | 74 | 69 | 74 | 72 | 68 | 67 | 77 | 76.5 | |
| | MIN | 70 | 64 | 55 | 57 | 65 | 60 | 56 | 58 | 68 | 67 | 68 | 62 | 54 | 50 | 52 | 58 | 63 | 64 | 66 | 64 | 60 | 53 | 48 | 52 | 54 | 52 | 50 | 62 | 63 | 63 | 59.3 | |
| ATLANTIC CITY | MAX | 87 | 80 | 71 | 79 | 79 | 76 | 76 | 76 | 77 | 78 | 77 | 75 | 74 | 70 | 72 | 77 | 70 | 75 | 76 | 75 | 69 | 68 | 70 | 68 | 70 | 65 | 65 | 67 | 67 | 75 | 73.5 | |
| | MIN | 72 | 66 | 60 | 63 | 69 | 64 | 61 | 64 | 68 | 68 | 70 | 62 | 56 | 53 | 58 | 60 | 64 | 66 | 68 | 66 | 63 | 59 | 55 | 56 | 59 | 58 | 57 | 63 | 64 | 63 | 62.5 | |
| AQUUBON | MAX | 90 | 85 | 76 | 84 | 82 | 82 | 85 | 86 | 89 | 83 | 72 | 70 | 78 | 71 | 78 | 82 | 75 | 76 | 79 | 69 | 73 | 74 | 75 | 76 | 69 | 72 | 77 | 70 | 69 | 80 | 77.6 | |
| | MIN | 69 | 66 | 55 | 56 | 66 | 59 | 56 | 58 | 66 | 67 | 58 | 62 | 52 | 50 | 48 | 54 | 56 | 61 | 65 | 62 | 63 | 51 | 48 | 49 | 52 | 55 | 49 | 59 | 63 | 63 | 57.9 | |
| BELLEPLAIN | MAX | 81 | 82 | 81 | 80 | 78 | 82 | 77 | 80 | 88 | 78 | 76 | 80 | 80 | 72 | 75 | 78 | 71 | 73 | 78 | 74 | 72 | 79 | 75 | 73 | 70 | 68 | 74 | 69 | 75 | 73 | 76.4 | |
| | MIN | 71 | 75 | 54 | 51 | 67 | 60 | 55 | 63 | 68 | 68 | 66 | 63 | 52 | 42 | 49 | 51 | 60 | 60 | 62 | 68 | 63 | 54 | 46 | 47 | 50 | 49 | 47 | 61 | 62 | 61 | 58.2 | |
| BELVIOERE | MAX | 87 | 83 | 75 | 75 | 77 | 77 | 79 | 82 | 82 | 79 | 74 | 63 | 72 | 69 | 73 | 74 | 69 | 65 | 65 | 73 | 69 | 69 | 75 | 70 | 72 | 71 | 74 | 72 | 77 | 73.6 | | |
| | MIN | 67 | 67 | 47 | 51 | 60 | 51 | 54 | 54 | 61 | 62 | 53 | 54 | 50 | 45 | 42 | 54 | 56 | 56 | 60 | 55 | 58 | 56 | 47 | 51 | 50 | 56 | 49 | 53 | 54 | 61 | 54.5 | |
| BOONTON 2 SE | MAX | 78 | 88 | 82 | 75 | 75 | 78 | 80 | 81 | 83 | 83 | 79 | 60 | 65 | 74 | 70 | 71 | 75 | 70 | 64 | 65 | 65 | 74 | 70 | 74 | 76 | 70 | 75 | 78 | 75 | 66 | 74.0 | |
| | MIN | 67 | 69 | 50 | 49 | 59 | 49 | 52 | 57 | 58 | 67 | 54 | 54 | 54 | 50 | 42 | 44 | 53 | 55 | 59 | 57 | 57 | 56 | 44 | 46 | 52 | 54 | 49 | 51 | 57 | 60 | 54.2 | |
| BURLINGTON | MAX | 93 | 87 | 82 | 84 | 83 | 81 | 85 | 88 | 90 | 85 | 80 | 70 | 69 | 72 | 78 | 82 | 76 | 71 | 73 | 73 | 74 | 72 | 72 | 77 | 69 | 72 | 75 | 73 | 72 | 77 | 77.8 | |
| | MIN | 70 | 72 | 56 | 55 | 68 | 60 | 58 | 59 | 69 | 68 | 65 | 61 | 50 | 51 | 49 | 55 | 59 | 62 | 68 | 63 | 64 | 60 | 50 | 50 | 53 | 50 | 49 | 50 | 48 | 46 | 57.9 | |
| CANOE BROOK | MAX | 75 | 88 | 80 | 73 | 77 | 78 | 78 | 83 | 85 | 86 | 78 | 62 | 65 | 76 | 69 | 76 | 75 | 70 | 65 | 66 | 65 | 72 | 70 | 73 | 73 | 69 | 72 | 78 | 73 | 66 | 73.9 | |
| | MIN | 68 | 69 | 48 | 52 | 49 | 52 | 54 | 58 | 63 | 65 | 55 | 55 | 52 | 46 | 45 | 49 | 54 | 56 | 60 | 57 | 58 | 54 | 47 | 49 | 52 | 53 | 51 | 53 | 59 | 61 | 54.8 | |
| CAPE MAY 3 W | MAX | 85 | 86 | 81 | 82 | 84 | 80 | 80 | 82 | 83 | 82 | 82 | 79 | 77 | 77 | 77 | 80 | 78 | 79 | 80 | 81 | 79 | 72 | 74 | 74 | 70 | 70 | 69 | 71 | 70 | 75 | 78.0 | |
| | MIN | 71 | 76 | 58 | 60 | 73 | 64 | 58 | 61 | 61 | 65 | 69 | 66 | 64 | 62 | 61 | 64 | 65 | 67 | 68 | 70 | 64 | 59 | 54 | 53 | 58 | 59 | 55 | 62 | 64 | 66 | 63.2 | |
| CHARLOTTEBURG | MAX | 77 | 86 | 78 | 73 | 73 | 76 | 76 | 80 | 82 | 82 | 75 | 59 | 63 | 75 | 68 | 74 | 74 | 68 | 63 | 63 | 64 | 73 | 67 | 72 | 73 | 68 | 73 | 76 | 75 | 75 | 72.7 | |
| | MIN | 65 | 66 | 46 | 48 | 56 | 46 | 48 | 57 | 59 | 63 | 54 | 53 | 50 | 47 | 40 | 41 | 50 | 53 | 57 | 54 | 55 | 55 | 43 | 43 | 48 | 48 | 45 | 46 | 53 | 53 | 51.4 | |
| CHATSWORTH | MAX | 88 | 87 | 80 | 82 | 80 | 79 | 83 | 85 | 87 | 82 | 81 | 74 | 77 | 71 | 78 | 82 | 73 | 77 | 78 | 74 | 73 | 72 | 76 | 75 | 73 | 72 | 68 | 68 | 77 | 77.7 | | |
| | MIN | 68 | 63 | 50 | 49 | 65 | 53 | 49 | 51 | 66 | 64 | 59 | 69 | 51 | 47 | 45 | 49 | 58 | 59 | 64 | 62 | 59 | 55 | 44 | 47 | 52 | 47 | 60 | 62 | 64 | 56.2 | | |
| CLAYTON | MAX | 86 | 83 | 79 | 83 | 81 | 81 | 80 | 84 | 84 | 83 | 76 | 72 | 75 | 72 | 74 | 79 | 80 | 74 | 76 | 76 | 72 | 74 | 72 | 73 | 71 | 77 | 74 | 74 | 66 | 77 | 76.9 | |
| | MIN | 70 | 71 | 56 | 60 | 67 | 60 | 56 | 60 | 68 | 68 | 59 | 60 | 49 | 49 | 53 | 58 | 56 | 67 | 63 | 64 | 57 | 57 | 50 | 49 | 53 | 58 | 53 | 60 | 64 | 60 | 59.2 | |
| ELIZABETH | MAX | 87 | 84 | 78 | 79 | 80 | 82 | 85 | 88 | 88 | 84 | 74 | 66 | 78 | 72 | 77 | 77 | 71 | 66 | 67 | 65 | 73 | 75 | 74 | 76 | 73 | 75 | 79 | 74 | 72 | 80 | 76.6 | |
| | MIN | 66 | 68 | 52 | 52 | 61 | 52 | 53 | 58 | 63 | 62 | 54 | 56 | 58 | 44 | 44 | 53 | 54 | 57 | 60 | 53 | 57 | 54 | 46 | 49 | 54 | 56 | 47 | 54 | 58 | 59 | 55.1 | |
| ESSEX FELS SERV BLOC | MAX | 79 | 87 | 77 | 79 | 76 | 80 | 81 | 79 | 78 | 76 | 70 | 64 | 65 | 74 | 73 | 71 | 73 | 72 | 74 | 72 | 70 | 68 | 67 | 73 | 72 | 75 | 71 | 72 | 75 | 66 | 73.6 | |
| | MIN | 70 | 71 | 45 | 49 | 50 | 55 | 60 | 57 | 55 | 64 | 59 | 58 | 50 | 44 | 46 | 50 | 49 | 52 | 57 | 58 | 58 | 55 | 44 | 43 | 54 | 54 | 55 | 48 | 56 | 54 | 54.0 | |
| FLEMINGTON 1 NE | MAX | 89 | 83 | 79 | 80 | 83 | 83 | 84 | 86 | 88 | 83 | 76 | 65 | 76 | 73 | 77 | 80 | 74 | 67 | 71 | 68 | 75 | 73 | 76 | 77 | 69 | 74 | 80 | 78 | 78 | 80 | 77.5 | |
| | MIN | 67 | 66 | 48 | 48 | 60 | 48 | 51 | 54 | 60 | 65 | 54 | 58 | 48 | 41 | 41 | 52 | 55 | 58 | 62 | 59 | 58 | 54 | 43 | 46 | 51 | 50 | 49 | 50 | 58 | 64 | 53.9 | |
| FREEHOLD | MAX | 86 | 86 | 80 | 78 | 80 | 78 | 83 | 85 | 86 | 81 | 75 | 66 | 78 | 70 | 76 | 78 | 71 | 68 | 68 | 66 | 72 | 71 | 73 | 74 | 66 | 71 | 75 | 70 | 67 | 78 | 75.2 | |
| | MIN | 68 | 68 | 53 | 54 | 64 | 53 | 56 | 58 | 65 | 66 | 60 | 62 | 53 | 48 | 48 | 55 | 57 | 60 | 63 | 58 | 59 | 57 | 45 | 51 | 55 | 56 | 47 | 60 | 61 | 62 | 57.4 | |
| HAMMONTON 2 NNE | MAX | 85 | 88 | 87 | 84 | 86 | 84 | 82 | 84 | 82 | 78 | 82 | 85 | 72 | 80 | 70 | 77 | 82 | 76 | 79 | 80 | 70 | 72 | 77 | 76 | 78 | 69 | 73 | 75 | 68 | 68 | 78.3 | |
| | MIN | 69 | 71 | 54 | 56 | 58 | 55 | 55 | 57 | 60 | 57 | 64 | 60 | 55 | 48 | 50 | 54 | 59 | 59 | 64 | 65 | 62 | 55 | 47 | 50 | 51 | 57 | 49 | 52 | 61 | 64 | 57.3 | |
| HIGH POINT PARK | MAX | 77 | 85 | 76 | 72 | 71 | 74 | 77 | 81 | 85 | 78 | 75 | 65 | 58 | 74 | 67 | 74 | 65 | 62 | 59 | 57 | 61 | 68 | 61 | 70 | 68 | 66 | 70 | 73 | 70 | 61 | 70.0 | |
| | MIN | 63 | 60 | 44 | 46 | 55 | 51 | 49 | 58 | 60 | 57 | 51 | 49 | 49 | 44 | 46 | 48 | 48 | 49 | 53 | 50 | 51 | 52 | 48 | 48 | 50 | 49 | 50 | 50 | 55 | 55 | 51.3 | |
| HIGHTSTOWN 1 N | MAX | 87 | 87 | 76 | 80 | 85 | 80 | 85 | 85 | 88 | 79 | 70 | 67 | 77 | 71 | 75 | 78 | 70 | 68 | 72 | 66 | 72 | 72 | 75 | 66 | 71 | 75 | 70 | 66 | 78 | 75.4 | | |
| | MIN | 68 | 68 | 52 | 51 | 63 | 51 | 52 | 56 | 66 | 66 | 56 | 59 | 52 | 48 | 46 | 53 | 55 | 60 | 63 | 58 | 60 | 57 | 45 | 48 | 52 | 54 | 47 | 59 | 62 | 63 | 56.3 | |
| INOIAN MILLS 2 W | MAX | 88 | 85 | 76 | 83 | 84 | 84 | 85 | 85 | 88 | 82 | 76 | 72 | 78 | 70 | 77 | 84 | 73 | 76 | 79 | 69 | 73 | 75 | 76 | 78 | 71 | 75 | 75 | 67 | 66 | 77 | 77.6 | |
| | MIN | 69 | 65 | 52 | 49 | 64 | 55 | 49 | 61 | 67 | 66 | 59 | 60 | 49 | 45 | 45 | 49 | 53 | 59 | 64 | 64 | 61 | 51 | 41 | 45 | 46 | 54 | 45 | 60 | 62 | 64 | 55.4 | |
| JERSEY CITY | MAX | 87 | 80 | 71 | 74 | 77 | 76 | 77 | 83 | 79 | 67 | 64 | 65 | 71 | 69 | 75 | 73 | 65 | 64 | 65 | 65 | 71 | 69 | 67 | 72 | 67 | 70 | 74 | 69 | 63 | 77 | 71.9 | |
| | MIN | 68 | 64 | 53 | 59 | 61 | 54 | 62 | 63 | 67 | 64 | 58 | 57 | 55 | 52 | 52 | 60 | 58 | 58 | 60 | 55 | 59 | 59 | 50 | 56 | 58 | 57 | 51 | 58 | 60 | 61 | 58.3 | |
| LAMBERTVILLE | MAX | 90 | 86 | 80 | 79 | 83 | 81 | 83 | 84 | 92 | 83 | 77 | 68 | 75 | 71 | 77 | 80 | 73 | 68 | 72 | 69 | 75 | 72 | 75 | 79 | 77 | 78 | 78 | 75 | 72 | 80 | 77.7 | |
| | MIN | 69 | 67 | 49 | 52 | 64 | 53 | 55 | 57 | 64 | 66 | 54 | 59 | 50 | 44 | 44 | 52 | 55 | 59 | 63 | 59 | 60 | 56 | 46 | 52 | 50 | 48 | 50 | 56 | 60 | 65 | 55.9 | |
| LAURELTON 1 E | MAX | | | | | | | | | | | | </ | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
SEPTEMBER 1960

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| RIDGEFIELD | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | MAX MIN | 88 68 | 87 71 | 80 55 | 83 54 | 83 67 | 81 60 | 80 56 | 82 58 | 85 69 | 82 66 | 78 62 | 73 62 | 77 54 | 70 51 | 76 51 | 81 55 | 84 58 | 80 64 | 80 64 | 79 66 | 70 63 | 75 55 | 75 49 | 76 48 | 71 48 | 70 56 | 74 52 | 73 60 | 68 63 | 76 65 | 77.9 59.0 | |
| SOMERVILLE | MAX MIN | 88 68 | 84 70 | 77 49 | 77 50 | 81 63 | 81 51 | 82 53 | 85 57 | 85 64 | 83 65 | 73 55 | 65 58 | 76 50 | 72 44 | 77 43 | 78 54 | 76 58 | 70 58 | 69 64 | 66 58 | 76 59 | 73 56 | 73 45 | 76 49 | 70 53 | 74 53 | 80 49 | 74 56 | 70 61 | 79 64 | 76.3 55.9 | |
| SUSSEX | MAX MIN | 75 67 | 86 66 | 77 46 | 71 45 | 75 55 | 74 49 | 76 50 | 80 55 | 83 58 | 82 63 | 74 55 | | 64 51 | 73 44 | 66 42 | 74 42 | 67 55 | 68 53 | 62 58 | 60 54 | 62 54 | 70 56 | 67 45 | 70 45 | 74 50 | 70 49 | 71 50 | 75 49 | 71 50 | 65 59 | 71.1 52.3 | |
| TOMS RIVER | MAX MIN | 88 67 | 87 67 | 75 51 | 83 48 | 80 64 | 78 50 | 82 48 | 87 51 | 87 65 | 85 66 | 76 60 | 74 61 | 80 51 | 72 46 | 72 48 | 71 50 | 72 60 | 70 64 | 79 60 | 70 62 | 70 60 | 71 51 | 72 42 | 70 48 | 72 55 | 70 56 | 72 46 | 66 63 | 68 62 | 76 63 | 75.8 56.2 | |
| TRENTON WB CITY | MAX MIN | 88 70 | 83 62 | 74 55 | 81 58 | 80 64 | 80 58 | 82 59 | 84 63 | 86 69 | 80 66 | 67 56 | 68 60 | 76 54 | 68 52 | 76 51 | 79 58 | 69 58 | 68 60 | 72 64 | 65 59 | 73 61 | 70 55 | 73 51 | 75 54 | 65 55 | 71 49 | 75 59 | 70 62 | 69 57 | 79 62 | 74.8 58.5 | |
| TUCKERTON | MAX MIN | 88 70 | 86 68 | 76 53 | 80 50 | 80 66 | 76 55 | 78 50 | 80 52 | 80 70 | 80 66 | 80 65 | 78 57 | 77 50 | 76 48 | 78 46 | 80 54 | 72 62 | 74 64 | 76 65 | 73 65 | 71 61 | 70 54 | 70 43 | 72 46 | 69 58 | 69 58 | 68 47 | 69 62 | 68 62 | 78 65 | 75.7 57.7 | |
| WOODSTOWN | MAX MIN | 89 67 | 86 69 | 85 55 | 83 54 | 83 67 | | 83 55 | 85 55 | 87 67 | 83 67 | 80 60 | 73 60 | 77 52 | 74 48 | 77 50 | 82 53 | 73 57 | | 79 61 | 76 67 | 72 63 | 75 56 | 75 49 | 76 50 | 70 52 | 72 58 | 76 48 | 69 60 | 70 62 | 77 64 | 78.1 58.0 | |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg |
|--------------------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | EVAP | .18 | .25 | .36 | .04 | .16 | .15 | .25 | .15 | .20 | .17 | .08 | - | .10 | .21 | .17 | .13 | .17 | .05 | .11 | .13 | .07 | .19 | .14 | .10 | .17 | .12 | * | .05 | .03 | .08 | B4.15 | |
| | WIND | 51 | 63 | 77 | 52 | 36 | 50 | 40 | 49 | 87 | 71 | 59 | 188 | 46 | 90 | 52 | 19 | 44 | 37 | 28 | 40 | 49 | 44 | 41 | 48 | 55 | 43 | - | 109 | 35 | 50 | 1653 | |
| | MIN | 93 | 90 | 82 | 65 | 89 | 89 | 90 | 89 | 89 | 85 | 81 | 79 | 84 | 77 | 79 | 84 | 82 | 81 | 86 | 83 | 77 | 81 | 82 | 78 | 73 | 78 | - | 72 | 70 | 74 | 82.5 | |
| CANOE BROOK | EVAP | .72 | .72 | .57 | .58 | .69 | .62 | .59 | .60 | .70 | .70 | .70 | .64 | .59 | .53 | .54 | .60 | .64 | .64 | .69 | .71 | .64 | .58 | .52 | .54 | .56 | .59 | - | .64 | .64 | .67 | 62.6 | |
| | WIND | .05 | .12 | .24 | .16 | .00 | .15 | .14 | .13 | .13 | .11 | .14 | - | - | .13 | .16 | .12 | .10 | .02 | .02 | - | .02 | .06 | .10 | .02 | .12 | .09 | .03 | .14 | * | .05 | B2.83 | |
| | | 3 | 17 | 24 | 31 | 11 | 3 | 13 | 15 | 13 | 24 | 17 | 45 | 77 | 21 | 24 | 9 | 24 | 21 | 2 | 29 | 16 | 16 | 15 | 9 | 23 | 14 | 18 | 11 | 7 | 13 | 565 | |

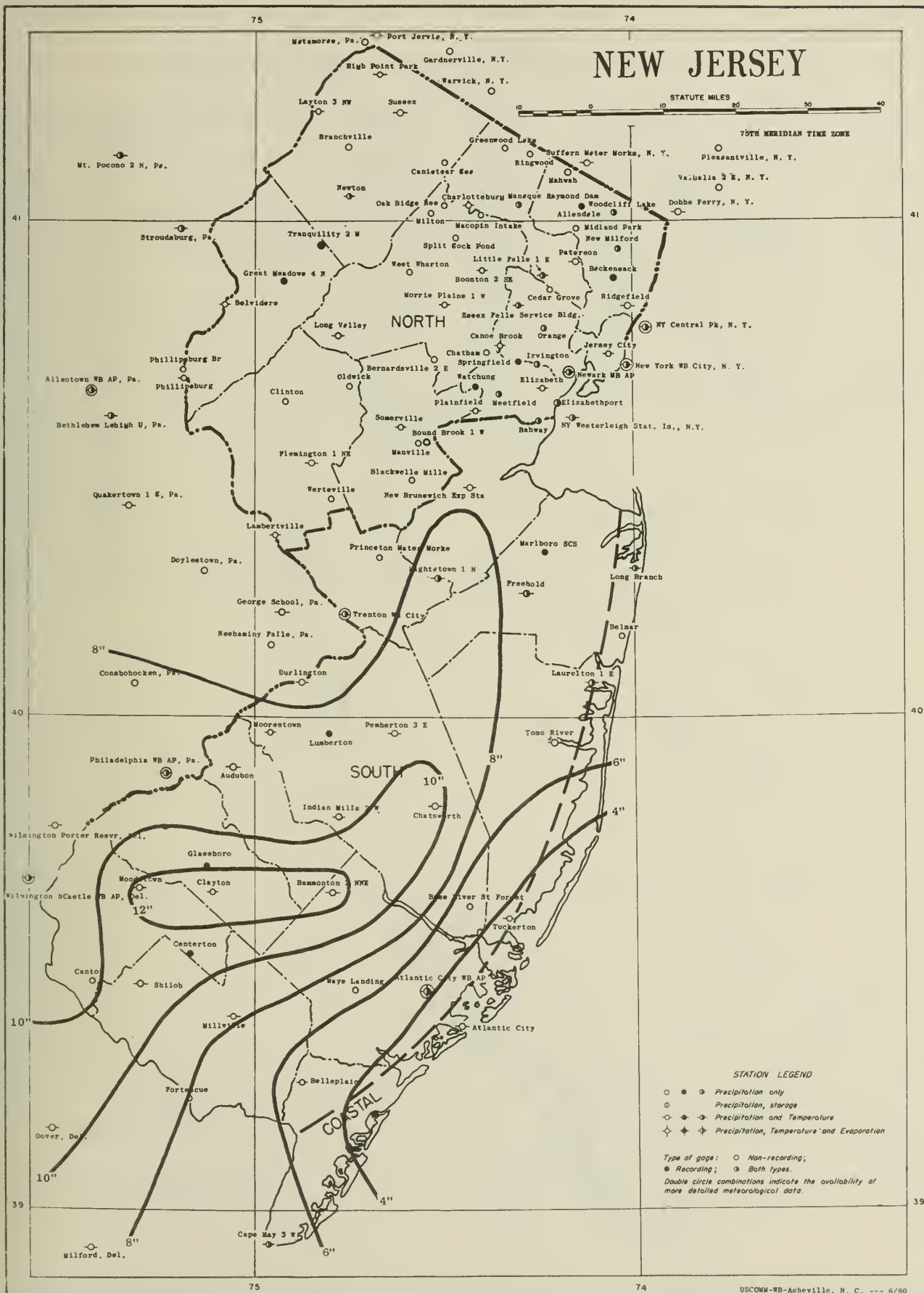
DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 79 | 80 | 75 | 71 | 75 | 76 | 76 | 75 | 78 | 74 | 69 | 65 | 70 | 66 | 69 | 71 | 69 | 67 | 68 | 67 | 69 | 71 | 69 | 68 | 68 | 66 | 68 | 67 | 67 | 65 | 69 | 70.7 |
| | MIN | 71 | 69 | 65 | 64 | 66 | 63 | 63 | 66 | 69 | 68 | 63 | 63 | 60 | 58 | 58 | 62 | 63 | 63 | 64 | 65 | 64 | 64 | 60 | 58 | 59 | 60 | 62 | 59 | 63 | 63 | 64 | 63.3 |
| 2 INCHES | MAX | 77 | 77 | 74 | 70 | 73 | 72 | 73 | 73 | 74 | 74 | 70 | 66 | 69 | 69 | 68 | 69 | 67 | 66 | 66 | 66 | 68 | 69 | 67 | 66 | 65 | 67 | 66 | 65 | 64 | 68 | 69.3 | |
| | MIN | 71 | 70 | 67 | 65 | 68 | 65 | 65 | 67 | 69 | 70 | 66 | 64 | 62 | 62 | 59 | 63 | 64 | 65 | 65 | 65 | 64 | 63 | 61 | 61 | 62 | 62 | 61 | 63 | 63 | 64 | 64.6 | |
| 4 INCHES | MAX | 72 | 77 | 73 | 70 | 73 | 73 | 73 | 75 | 73 | 68 | 65 | 65 | 68 | 68 | 67 | 69 | 67 | 66 | 66 | 66 | 68 | 69 | 67 | 66 | 65 | 67 | 66 | 65 | 64 | 68 | 69.0 | |
| | MIN | 71 | 68 | 66 | 67 | 64 | 64 | 67 | 68 | 68 | 65 | 63 | 62 | 60 | 60 | 62 | 62 | 64 | 65 | 64 | 65 | 64 | 63 | 60 | 60 | 61 | 62 | 60 | 63 | 63 | 64 | 64.2 | |
| 8 INCHES | MAX | 75 | 75 | 73 | 70 | 71 | 70 | 71 | 72 | 72 | 71 | 67 | 67 | 66 | 66 | 66 | 67 | 66 | 66 | 66 | 66 | 66 | 67 | 65 | 65 | 64 | 65 | 64 | 64 | 64 | 66 | 68.0 | |
| | MIN | 71 | 73 | 70 | 68 | 70 | 67 | 67 | 68 | 69 | 70 | 67 | 65 | 64 | 63 | 64 | 65 | 65 | 65 | 65 | 65 | 65 | 63 | 63 | 63 | 63 | 63 | 62 | 63 | 64 | 64 | 65.8 | |
| 12 INCHES | MAX | 74 | 73 | 72 | 71 | 70 | 70 | 71 | 70 | 71 | 69 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 64 | 64 | 64 | 64 | 64 | 65 | 67.6 | |
| | MIN | 72 | 72 | 71 | 69 | 70 | 69 | 69 | 69 | 69 | 70 | 69 | 66 | 66 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 64 | 64 | 64 | 64 | 64 | 66.7 | |
| 16 INCHES | MAX | 71 | 71 | 71 | 70 | 70 | 69 | 69 | 69 | 69 | 70 | 69 | 67 | 67 | 67 | 66 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 64 | 64 | 64 | 64 | 64 | 65 | 67.2 |
| | MIN | 71 | 71 | 70 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 69 | 67 | 66 | 66 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 65 | 65 | 64 | 64 | 63 | 64 | 60.7 | |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky blue grass. Instrumentation: Copper-Constantan Thermocouples connected to a Brown Elektronik Potentiometer.

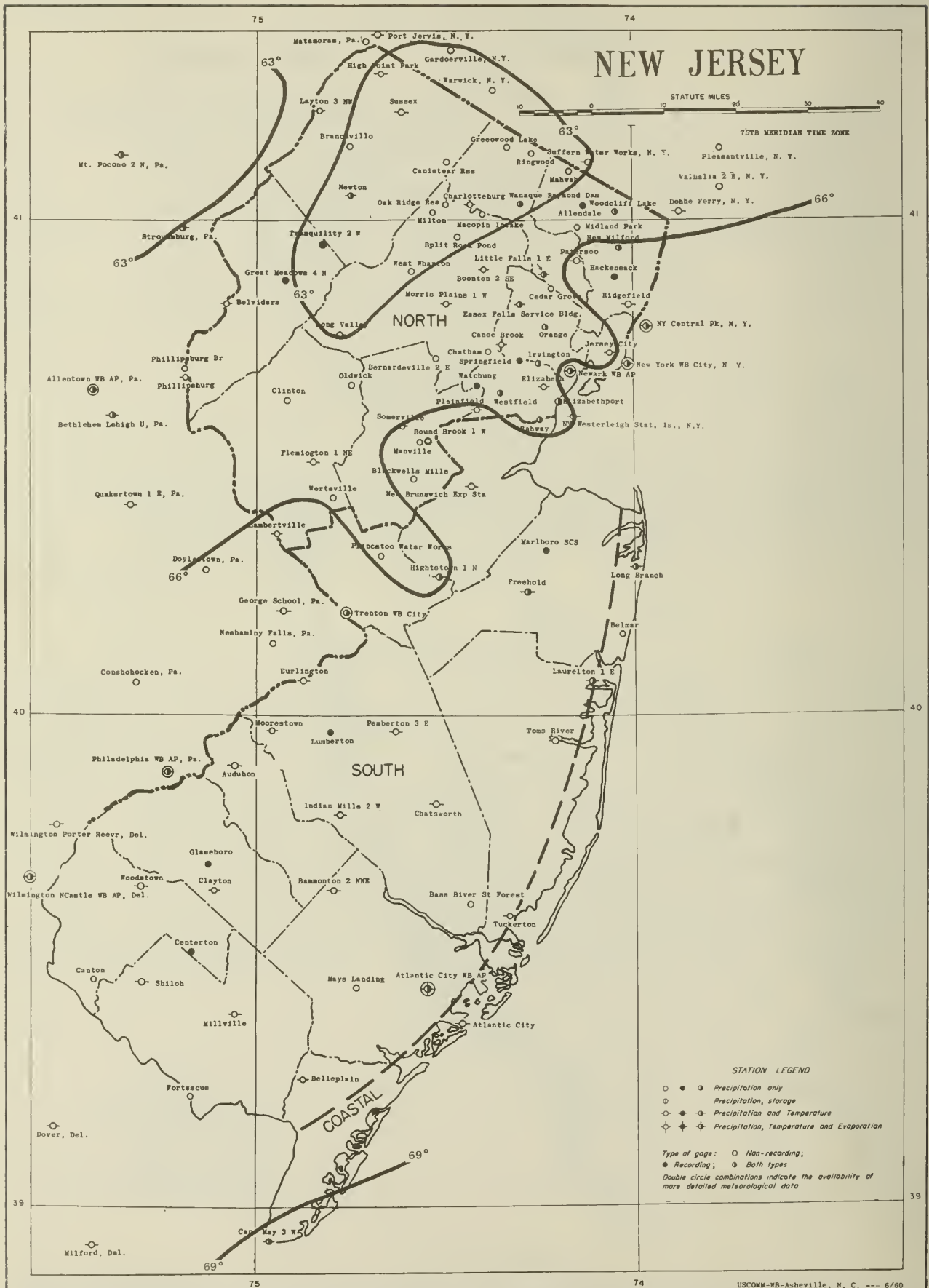
TOTAL PRECIPITATION

NEW JERSEY
SEPTEMBER 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

NEW JERSEY
SEPTEMBER 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
SEPTEMBER 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | | |
|----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------------|---------|-------|-------------------------|-------------------------|-------------------------|-----------------------|------------|------------|----------|-----------|-----------|-----------------------------------|---------|-------|-------------------------|----------|---------------------------|-------------------------|--------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (USE PENCIL) | | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (USE PENCIL) | | | | |
| ALLENSDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | C | BERGEN COUNTY ENGINEERS | MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | NID | NID | | H | FED. AVIATION AGENCY | | |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | NID | MID | 7P | C HJ | U.S. WEATHER BUREAU | RILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | | H | JEPSEY CITY WATER WKS. | | |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 25 | 74 26 | 10 | MID | RID | | | STATE MARINA | MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MIO | 8A | | | H | W. J. WILLARD | | |
| AUDUBON | 0346 | CANON | 2 | 39 34 | 75 04 | 50 | 11P | 11P | | | IRVIN J. RYGEN | MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | H | JAMES C. LONG | | |
| BASS RIVER ST FOREST | 0520 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | 6P | | | N.J. FORESTRY SERVICE | REARWATER AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MIO | NID | | | C HJ | U.S. WEATHER BUREAU | | |
| BELLEPLAIN | 0890 | CAPE MAY | 1 | 39 18 | 74 52 | 49 | 5P | 5P | | | MRS. E. C. HOFFMAN | REAR BRUNSWICK EXP STA | 6062 | NIDDLESEX | 10 | 40 28 | 74 26 | 88 | 5P | 5P | | | GH | ARTHUR N. AHLQUIST | | |
| BELMAR | 0721 | HONOLULU | 1 | 40 10 | 74 02 | 19 | | 8A | | | BELMAR WATER WORKS | REAR MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | | NID | | | C | HACKENSACK WATER CO. | | |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | CLEMENT HAUT | REAR PASSAIC | 6177 | ESSEX | 2 | 41 03 | 74 45 | 365 | 8A | 8A | | | C H | NEWTOWN WTR. & SUPPLY CO. | | |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 52 | 240 | 7A | | | | BERNARDS WATER COMPANY | OAK RIDGE RESERVOIR | 6440 | PASSAIC | 8 | 41 02 | 74 30 | 870 | | | | | C | NEWARK WATER DEPT. | | |
| BLACKWELLS HILLS | 0847 | SOMERSET | 10 | 40 29 | 74 55 | 27 | 7A | | | | HENRY N. MILLER | OLIVICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | | 8A | | | | | DAN A. COUGHLIN | |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 34 | 74 24 | 280 | 8A | 8A | | | JEPSEY CITY WATER WORKS | ORANGE | 6960 | ESSEX | 8 | 40 47 | 74 14 | 140 | | NID | | | C | COUNTY ENGINEER | | |
| BOUNT BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | | 8A | | | AMERICAN CYANAMID CO. | PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 8A | | | H | PA. J. DEL VECCHIO | | |
| BRANCHVILLE | 0970 | SUSSEX | 5 | 41 09 | 74 45 | 900 | 7A | | | | ALBERT M. DAVENPORT | PERBERTON 5 E | 6845 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 3P | 5P | | | H | PHILIP E. MAPUCCI | | |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. | PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 5P | | | N | SEWAGE DISPOSAL PLANT | | |
| CANISTEAR RESERVOIR | 1527 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 6A | | | | NEWARK WATER DEPARTMENT | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | | 9A | | | | | JOINT TOLL BRIDGE COMM. | |
| CANON BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | COMMONWEALTH WATER CO. | PLAINFIELD | 7070 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | | H | MRS. VIVIAN SCHERER | | |
| CANTON | 1545 | SALEN | 2 | 39 28 | 75 25 | 20 | | 9A | | | GERTHUSE S. WILLIS | PRINCETON WATER WORKS | 7528 | MERCER | 10 | 40 19 | 74 40 | 90 | | NID | | | C H | PRINCETON WATER CO. | | |
| CARE MAY 3 W | 1551 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | 5P | | | N. WEST HONESTY CO. | RAHWAY | 7593 | UNION | 9 | 40 36 | 74 15 | 20 | | MIO | | | C H | PAHWAY VLY. SWG. AUTH. | | |
| CEDAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | J. A. PLUNKETT | RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | NID | | | C H | GEORGE P. KIRSTEN | | |
| CERTERTON | 1512 | SALEN | 8 | 39 51 | 75 10 | 80 | | | | | JOHN HODKINS UNL. | RINGWOOD | 7597 | PASSAIC | 8 | 41 08 | 74 16 | 305 | | 10A | | | | | IND. JERSEY WTR. SUPPLY | |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | NEWARK WATER DEPT. | SHILTON | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 3P | 5P | | | H | EVERETT OCKINDSON | | |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 25 | 195 | 8A | | | | EDWARD P. HOLIFOR | SDNORVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | H | W. J. HAYES | | |
| CHATSORTH | 1596 | BURLINGTON | 1 | 39 49 | 74 52 | 100 | 5P | | | | EARL N. KERCHNER | SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 38 | 80 | | 10A | | | | | JERSEY CITY D. P. W. | |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | HARRY P. CAMPBELL | SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | C | N. J. DEPT. OF CONS. | | |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | L. W. KLOCHNER | SUSSEX | 8444 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | | BRUCE B. STANTON | |
| ELIZABETH | 2044 | UNION | 1 | 40 40 | 74 14 | 35 | 5P | 5P | | | UNION CO. PARK COMM. | TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | C | TOMS RIVER WATER CO. | | |
| ELIZABETHPORT | 2852 | UNION | 1 | 40 38 | 74 12 | 10 | | MID | | | SEWAGE TREATMENT PLANT | TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | C | H. J. EPEVEY | | |
| ESSEX FELS SERV BLDG | 2788 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | BOROUGH ESSEX FELS | TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MIO | NID | | | C HJ | U.S. WEATHER BUREAU | | |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 51 | 74 51 | 154 | 5P | 5P | | | DOUGLAS YOUNG | TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | C | DEV. WALTER T. GANDER | | |
| FORTESCUE | 5102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | JOHN LOPEZ | WANAGUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 520 | | 8A | | | C H | WATER SUPPLY COMM. | | |
| FRECHOLD | 3181 | HONOLULU | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | FRANK J. MORAU | WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | C | BONNIE BURN SANITARIUM | | |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | | PROF. J. B. SANGREE | WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | 7A | | | C | ROBERT M. MANNERS | | |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 340 | | | | | GAMMA CHEMICAL CORP. | WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | | 5P | | | C | CITY ENGINEER | | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | GEORGE T. WIGGINS | WEST WHARTON | 9408 | MORRIS | 8 | 40 54 | 74 36 | 680 | | 7A | | | C | N. J. POWER & LIGHT CO. | | |
| HACKENSACK | 5572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | BERGEN COUNTY ENGINEERS | WOODCLIFF LAKE | 9852 | BERGEN | 4 | 41 01 | 74 03 | 103 | | MIO | | | C | HACKENSACK WATER CO. | | |
| HAMMONTON 2 NNE | 5662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST | WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | | | | CREAM VALLEY DAIRY |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT. OF CONS. | NEW STATIONS | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | JAMES R. PICKERING | SCHOOLEYS MOUNTAIN | 7898 | MORRIS | 10 | 40 48 | 74 48 | 1000 | | 8A | | | | | | JOHN VANSTONE |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | EDWARD ENTWISTLE | | | | | | | | | | | | | | | |
| IRVINGTON | 4260 | ESSEX | 1 | 40 45 | 74 15 | 120 | | MID | | | JOINT MEETING GARAGE | | | | | | | | | | | | | | | |
| JERSEY CITY | 4339 | HUNSON | 1 | 40 44 | 74 04 | 155 | N4D | MID | | | JEPSEY CITY WATER DEPT. | | | | | | | | | | | | | | | |
| LANBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | H. E. CASE | | | | | | | | | | | | | | | |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | C H | GEORGE G. MADOLL | | | | | | | | | | | | | | |
| LAYTON 5 NW | 4755 | SUSSEX | 2 | 41 15 | 74 51 | 460 | 6P | 6P | | | H A. M. ODEP | | | | | | | | | | | | | | | |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | 9A | | | C H | PASSAIC VLY. WTR. COMM. | | | | | | | | | | | | | | |
| LONG BRANCH | 4987 | HONOLULU | 1 | 40 18 | 73 59 | 34 | MID | MID | | | C HJ | WILLIAM D. MARTIN, JR. | | | | | | | | | | | | | | |
| LONG VALLEY | 5005 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | C | ARTHUR BARKMAN | | | | | | | | | | | | | | |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | C | JAMES LAWTON | | | | | | | | | | | | | | |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | C | NEWARK WATER DEPT. | | | | | | | | | | | | | | |
| MANHAW | 5104 | BERGEN | 8 | 41 06 | 74 10 | 255 | 7A | | | | | ROBERT G. GLASGOW | | | | | | | | | | | | | | |
| MARVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | MID | | | C HJ | JOHN L. RADCLIFFE | | | | | | | | | | | | | | |
| MARLBORO SCS | 5244 | HONOLULU | 1 | 40 20 | 74 14 | 120 | | | | | C | GEORGE BRILL | | | | | | | | | | | | | | |
| MAY LAKING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | | 5P | | | H | ELMER EARLE | | | | | | | | | | | | | | |
| MIDLAND PARK | 5505 | BERGEN | 8 | 40 59 | 74 09 | 210 | | MID | | | C H | RIDGEWOOD WATER CO. | | | | | | | | | | | | | | |
| MILLVILLE | 5576 | CUMBERLAND | 8 | 39 24 | 75 03 | 60 | 8A | NID | | | C H | L. J. GALLAHER | | | | | | | | | | | | | | |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUNSON; 6-MURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

OCTOBER 1960
Volume 65 No. 10



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NEW JERSEY - OCTOBER 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 85° on the 16+ at 4 stations

Lowest Temperature: 22° on the 22nd at Layton 3 NW

Greatest Total Precipitation: 3.86 inches at Mays Landing

Least Total Precipitation: 1.04 inches at Phillipsburg

Greatest One-Day Precipitation: 2.23 inches on the 20th at Flemington
1 NE

Greatest Reported Total Snowfall: Trace at 19 stations

Greatest Reported Depth of Snow on Ground: None

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

CLIMATOLOGICAL DATA

NEW JERSEY
OCTOBER 1960

| Station | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|-------------|------------|-------------|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | 32° or Above | 32° or Below | 32° or Above | 32° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 65.4 | 38.3 | 51.9 | - 3.0 | 80 | 15 | 27 | 26 | 400 | 0 | 0 | 4 | 0 | 1.36 | - 2.05 | .90 | 20 | .0 | 0 | | 2 | 1 | 0 |
| BOONTON 2 SE | 65.3 | 39.5 | 52.4 | - 1.1 | 81 | 16 | 28 | 22 | 384 | 0 | 0 | 4 | 0 | 1.66 | - 1.56 | 1.02 | 20 | .0 | 0 | | 3 | 1 | 1 |
| CANOE BROOK | 66.3 | 39.0 | 52.7 | - 1.2 | 84 | 16 | 27 | 22 | 378 | 0 | 0 | 5 | 0 | 1.56 | - 1.68 | .95 | 20 | .0 | 0 | | 5 | 1 | 0 |
| CHARLOTTEBURG | 64.2 | 37.3 | 50.8 | - 1.9 | 80 | 16 | 26 | 23 | 433 | 0 | 0 | 6 | 0 | 1.51 | - 2.26 | .98 | 20 | .0 | 0 | | 4 | 1 | 0 |
| ELIZABETH | 68.8 | 41.7 | 55.3 | - 1.5 | 83 | 15 | 30 | 22+ | 301 | 0 | 0 | 3 | 0 | 2.74 | - .57 | 1.90 | 20 | .0 | 0 | | 4 | 1 | 1 |
| ESSEX FELS SERV BLDG | 68.1 | 42.9 | 55.5 | | 80 | 16 | 32 | 22 | 285 | 0 | 0 | 1 | 0 | 1.57 | | 1.03 | 20 | .0 | 0 | | 4 | 1 | 1 |
| FLEMINGTON 1 NE | 66.4 | 38.9 | 52.7 | - 3.4 | 84 | 15 | 26 | 26+ | 377 | 0 | 0 | 5 | 0 | 3.08 | - .10 | 2.23 | 20 | T | 0 | | 4 | 1 | 1 |
| HIGH POINT PARK | 61.0 | 39.2 | 50.1 | | 78 | 16 | 29 | 21 | 455 | 0 | 0 | 4 | 0 | 2.16 | | 1.50 | 20 | T | 0 | | 4 | 1 | 1 |
| JERSEY CITY | 63.1 | 47.3 | 55.2 | - 1.8 | 78 | 11 | 37 | 26+ | 305 | 0 | 0 | 0 | 0 | 3.46 | - .48 | 1.67 | 20 | .0 | 0 | | 6 | 2 | 1 |
| LAMBERTVILLE | 67.2 | 41.3 | 54.3 | - 1.3 | 83 | 15 | 30 | 26+ | 330 | 0 | 0 | 3 | 0 | 2.28 | - .71 | 1.20 | 20 | T | 0 | | 4 | 2 | 1 |
| LAYTON 3 NW | 63.5 | 37.7 | 50.6 | - 1.1 | 82 | 15 | 22 | 22 | 442 | 0 | 0 | 6 | 0 | 2.11 | - 1.26 | 1.35 | 20 | .0 | 0 | | 3 | 1 | 1 |
| LITTLE FALLS 1 E | 68.0 | 41.9 | 55.0 | - .6 | 85 | 16 | 31 | 23+ | 308 | 0 | 0 | 2 | 0 | 1.27 | - 2.22 | .65 | 20 | .0 | 0 | | 3 | 1 | 0 |
| LONG VALLEY | 65.0 | 36.9 | 51.0 | | 82 | 15 | 24 | 22 | 429 | 0 | 0 | 8 | 0 | 1.52 | - 1.92 | 1.02 | 20 | .0 | 0 | | 4 | 1 | 1 |
| MORRIS PLAINS | 64.8 | 39.1 | 52.0 | | 81 | 16 | 27 | 22 | 398 | 0 | 0 | 5 | 0 | 1.68 | | 1.13 | 20 | T | 0 | | 3 | 1 | 1 |
| NEWARK WB AIRPORT | 68.8 | 47.7 | 57.3 | 1.7 | 85 | 15 | 37 | 26 | 247 | 0 | 0 | 0 | 0 | 2.79 | - .41 | 1.76 | 20 | T | 0 | | 7 | 1 | 1 |
| NEWTON | 63.1 | 36.5 | 49.8 | - 3.1 | 80 | 16 | 27 | 22 | 467 | 0 | 0 | 7 | 0 | 2.03 | - 1.40 | 1.67 | 20 | .0 | 0 | | 2 | 1 | 1 |
| PATERSON | 68.3 | 43.7 | 56.0 | - .3 | 85 | 16 | 33 | 22 | 278 | 0 | 0 | 0 | 0 | 2.31 | - .95 | .89 | 20 | T | 0 | | 6 | 2 | 0 |
| PHILLIPSBURG | 68.2 | 39.6 | 53.9 | - 1.7 | 83 | 16+ | 31 | 13 | 336 | 0 | 0 | 4 | 0 | 1.04 | - 2.45 | .59 | 1 | .0 | 0 | | 3 | 1 | 0 |
| PLAINFIELD | 67.1 | 43.3 | 55.2 | - .7 | 83 | 15 | 30 | 22+ | 299 | 0 | 0 | 4 | 0 | 2.89 | - .43 | | | T | 0 | | | | |
| RIDGEFIELD | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | 65.7 | 40.9 | 53.3 | - 2.2 | 81 | 15 | 28 | 22 | 355 | 0 | 0 | 4 | 0 | 2.24 | - 1.04 | 1.75 | 20 | .0 | 0 | | 2 | 1 | 1 |
| SUSSEX | 63.1 | 38.9 | 51.0 | - 2.6 | 80 | 16 | 29 | 22 | 425 | 0 | 0 | 2 | 0 | 2.79 | - .51 | 1.93 | 20 | T | 0 | | 3 | 1 | 1 |
| DIVISION | | | 53.1 | - 1.6 | | | | | | | | | | 2.10 | - 1.21 | | | T | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 66.6 | 46.3 | 56.5 | - .1 | 84 | 15 | 31 | 26 | 267 | 0 | 0 | 1 | 0 | 3.08 | .03 | 1.18 | 28 | T | 0 | | 6 | 2 | 2 |
| AUDUBON | 67.0 | 44.9 | 56.0 | | 82 | 15 | 32 | 22 | 284 | 0 | 0 | 1 | 0 | 2.90 | | 1.45 | 20 | T | 0 | | 4 | 2 | 1 |
| BELLEPLAIN | 67.5 | 43.2 | 55.4 | | 79 | 15+ | 28 | 22 | 293 | 0 | 0 | 4 | 0 | 1.50 | - 2.14 | 1.05 | 20 | .0 | 0 | | 3 | 1 | 1 |
| BURLINGTON | 68.1 | 45.3 | 56.7 | - 1.3 | 82 | 15 | 35 | 22 | 255 | 0 | 0 | 0 | 0 | 3.01 | - .31 | 1.40 | 29 | T | 0 | | 4 | 2 | 2 |
| CHATSWORTH | 68.3 | 41.4 | 54.9 | | 84 | 15 | 29 | 26+ | 317 | 0 | 0 | 6 | 0 | 2.38 | | 1.25 | 20 | .0 | 0 | | 4 | 1 | 1 |
| CLAYTON | 64.5 | 44.5 | 54.5 | | 79 | 11 | 28 | 26 | 318 | 0 | 0 | 2 | 0 | 2.00 | | 1.04 | 29 | .0 | 0 | | 6 | 1 | 1 |
| FREEHOLD | 65.8 | 44.7 | 55.3 | - .8 | 81 | 14 | 30 | 26 | 300 | 0 | 0 | 3 | 0 | 1.81 | - 1.71 | .78 | 20 | .0 | 0 | | 5 | 1 | 0 |
| HAMMONTON 2 NNE | 67.9 | 43.6 | 55.8 | - .5 | 85 | 16 | 31 | 26 | 287 | 0 | 0 | 2 | 0 | 2.34 | - 1.33 | 1.29 | 20 | .0 | 0 | | 3 | 2 | 1 |
| HIGHTSTOWN 1 N | 65.8 | 43.2 | 54.5 | - 1.5 | 80 | 15+ | 31 | 26+ | 322 | 0 | 0 | 3 | 0 | 3.08 | - .19 | 1.13 | 20 | .0 | 0 | | 6 | 2 | 1 |
| INDIAN MILLS 2 W | 66.5 | 40.9 | 53.7 | - 2.4 | 83 | 15 | 27 | 26+ | 347 | 0 | 0 | 4 | 0 | 2.41 | - .94 | 1.28 | 20 | T | 0 | | 5 | 1 | 1 |
| LAURELTON 1 E | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | 66.9 | 45.0 | 56.0 | | 83 | 16 | 33 | 25+ | 278 | 0 | 0 | 0 | 0 | 2.54 | | 1.00 | 20 | .0 | 0 | | 6 | 2 | 1 |
| MILLVILLE FAA AIRPORT | 66.7 | 45.1 | 55.9 | | 81 | 15 | 31 | 21 | 284 | 0 | 0 | 2 | 0 | 2.19 | | .88 | 20 | .0 | 0 | | 5 | 2 | 0 |
| MOORESTOWN | 65.3 | 42.7 | 54.0 | - 1.9 | 80 | 15 | 30 | 22 | 341 | 0 | 0 | 3 | 0 | 2.94 | - .06 | 1.37 | 20 | .0 | 0 | | 4 | 2 | 2 |
| NEW BRUNSWICK EXP STA | 66.4 | 44.0 | 55.2 | - 1.0 | 80 | 15+ | 31 | 22 | 300 | 0 | 0 | 2 | 0 | 1.84 | - 1.28 | .98 | 20 | .0 | 0 | | 4 | 1 | 0 |
| PEMBERTON 3 E | 67.6 | 41.7 | 54.7 | - 2.3 | 82 | 15 | 28 | 22 | 318 | 0 | 0 | 3 | 0 | 2.32 | - .90 | 1.06 | 20 | .0 | 0 | | 5 | 1 | 1 |
| SHILOH | 67.0 | 46.7 | 56.9 | - .4 | 83 | 15 | 31 | 26 | 252 | 0 | 0 | 1 | 0 | 1.83 | - 1.29 | .80 | 29 | .0 | 0 | | 4 | 2 | 0 |
| TOMS RIVER | 66.2 | 41.1 | 53.7 | | 78 | 14+ | 26 | 22 | 346 | 0 | 0 | 4 | 0 | 3.20 | | 1.47 | 29 | .0 | 0 | | 5 | 2 | 2 |
| TRENTON WB CITY | 65.0 | 46.8 | 55.9 | - .2 | 80 | 15+ | 36 | 26 | 285 | 0 | 0 | 0 | 0 | 2.25 | - .40 | 1.00 | 20 | T | 0 | | 7 | 1 | 1 |
| TUCKERTON | 67.6 | 42.7 | 55.2 | | 80 | 15+ | 27 | 23 | 300 | 0 | 0 | 4 | 0 | 2.45 | | 1.20 | 20 | .0 | 0 | | 4 | 2 | 1 |
| WOODSTOWN | 67.3M | 44.4M | 55.9M | | 80 | 15 | 28 | 26 | 282 | 0 | 0 | 3 | 0 | 3.25 | | 2.05 | 20 | T | 0 | | 5 | 2 | 1 |
| DIVISION | | | 55.3 | - 1.3 | | | | | | | | | | 2.47 | - .80 | | | T | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 65.1 | 50.2 | 57.7 | - .3 | 79 | 11 | 34 | 26 | 233 | 0 | 0 | 0 | 0 | 2.51 | - .70 | 1.11 | 28 | | | | 4 | 2 | 1 |
| CAPE MAY 3 W | 67.0M | 51.1M | 59.1M | | 76 | 15+ | 36 | 25 | 201 | 0 | 0 | 0 | 0 | 2.65 | | .77 | 28 | .0 | 0 | | 5 | 3 | 0 |
| LONG BRANCH | 64.8 | 46.7 | 55.8 | - .4 | 82 | 15 | 34 | 26+ | 288 | 0 | 0 | 0 | 0 | 2.58 | - .92 | .78 | 20 | .0 | 0 | | 6 | 2 | 0 |
| DIVISION | | | 57.5 | - .5 | | | | | | | | | | 2.58 | - .52 | | | .0 | | | | | |

See Reference Notes Following Statistical Index

NEW JERSEY
OCTOBER 1960

SUPPLEMENTAL DATA

- 106 -

DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX MIN | 64 46 | 67 44 | 71 52 | 66 46 | 68 40 | 74 56 | 66 48 | 65 42 | 71 52 | 78 49 | 79 53 | 70 47 | 74 43 | 79 53 | 84 58 | 76 57 | 72 54 | 74 52 | 68 53 | 68 42 | 52 34 | 58 33 | 60 37 | 59 38 | 57 40 | 57 31 | 62 38 | 59 50 | 52 48 | 57 49 | 59 50 | 66.6 46.3 |
| ATLANTIC CITY | MAX MIN | 63 52 | 65 50 | 72 54 | 66 50 | 66 50 | 75 56 | 66 50 | 63 47 | 70 53 | 76 51 | 79 56 | 71 55 | 68 50 | 72 62 | 72 63 | 71 63 | 72 55 | 69 55 | 68 58 | 67 43 | 52 36 | 56 41 | 61 46 | 61 36 | 56 40 | 57 34 | 57 45 | 58 52 | 55 50 | 55 51 | 58 51 | 65.1 50.2 |
| AUGUBON | MAX MIN | 64 44 | 70 40 | 71 55 | 65 42 | 71 52 | 73 51 | 66 42 | 70 48 | 72 38 | 77 42 | 81 50 | 70 50 | 76 43 | 80 50 | 82 59 | 78 60 | 73 54 | 72 60 | 69 43 | 69 55 | 57 37 | 58 35 | 59 35 | 54 35 | 58 33 | 59 41 | 58 33 | 60 49 | 55 45 | 56 47 | 57 47 | 67.0 44.9 |
| BELLEPLAIN | MAX MIN | 73 55 | 69 38 | 69 58 | 69 45 | 72 37 | 74 50 | 72 46 | 65 35 | 72 50 | 77 42 | 78 46 | 78 46 | 75 43 | 79 46 | 79 46 | 74 49 | 73 53 | 75 48 | 73 43 | 70 54 | 55 29 | 58 28 | 58 32 | 59 42 | 57 36 | 58 30 | 59 35 | 55 51 | 52 47 | 57 47 | 58 46 | 67.5 43.2 |
| BELVIOERE | MAX MIN | 73 44 | 63 35 | 67 47 | 63 35 | 62 38 | 68 49 | 66 36 | 67 34 | 73 37 | 76 37 | 79 45 | 72 42 | 73 36 | 70 43 | 80 43 | 72 49 | 74 43 | 71 35 | 69 38 | 67 34 | 55 28 | 57 29 | 54 29 | 52 39 | 57 34 | 52 30 | 57 34 | 58 36 | 63 45 | 63 43 | 54 44 | 65.4 38.3 |
| BOONTON 2 SE | MAX MIN | 78 48 | 61 35 | 62 39 | 66 38 | 64 37 | 69 48 | 70 38 | 65 34 | 70 35 | 75 40 | 75 46 | 77 45 | 67 36 | 74 43 | 75 43 | 81 53 | 73 46 | 73 47 | 67 38 | 65 46 | 58 30 | 52 28 | 55 30 | 57 31 | 49 38 | 46 35 | 65 38 | 57 40 | 62 45 | 58 46 | 66 46 | 65.3 39.5 |
| BURLINGTON | MAX MIN | 76 45 | 70 43 | 73 54 | 66 45 | 72 42 | 73 44 | 69 45 | 71 42 | 75 45 | 78 45 | 81 45 | 78 45 | 76 43 | 81 49 | 82 56 | 78 59 | 74 55 | 73 48 | 69 50 | 69 49 | 55 37 | 58 35 | 58 37 | 55 39 | 56 39 | 58 37 | 57 50 | 56 44 | 58 47 | 58 48 | 68.1 45.3 | |
| CANOE BROOK | MAX MIN | 80 48 | 63 37 | 67 44 | 68 37 | 64 41 | 70 42 | 74 37 | 65 34 | 70 37 | 74 38 | 74 42 | 73 42 | 78 35 | 74 39 | 79 47 | 84 53 | 75 47 | 71 40 | 68 36 | 67 45 | 59 29 | 54 27 | 57 30 | 58 37 | 48 36 | 47 29 | 61 31 | 59 40 | 56 45 | 61 38 | 57 47 | 66.3 39.0 |
| CAPE MAY 3 W | MAX MIN | 75 56 | 68 46 | 71 53 | | | 73 51 | 72 65 | 65 51 | 64 52 | 73 59 | 76 60 | 75 62 | 71 49 | 73 60 | 76 65 | 74 49 | 74 60 | 70 65 | 72 49 | 62 48 | 58 39 | 62 38 | 61 44 | 56 36 | 57 40 | 60 41 | 57 53 | 59 49 | 56 50 | 62 50 | 67.0 51.1 | |
| CHARLOTTEBURG | MAX MIN | 77 45 | 58 31 | 64 33 | 65 36 | 62 33 | 66 40 | 69 49 | 63 39 | 70 38 | 72 39 | 73 42 | 77 47 | 65 32 | 72 33 | 76 41 | 80 49 | 74 46 | 70 42 | 64 34 | 64 42 | 55 32 | 54 26 | 55 31 | 54 26 | 47 34 | 46 34 | 62 35 | 60 36 | 57 43 | 60 44 | 64.2 37.3 | |
| CHATSWORTH | MAX MIN | 77 47 | 70 39 | 72 53 | 69 39 | 71 47 | 74 37 | 71 37 | 71 33 | 73 44 | 78 38 | 79 47 | 71 43 | 75 39 | 82 45 | 84 53 | 81 59 | 76 51 | 74 46 | 71 46 | 69 46 | 55 30 | 59 29 | 58 31 | 56 31 | 56 30 | 59 29 | 59 34 | 59 40 | 54 49 | 57 45 | 56 45 | 68.3 41.4 |
| CLAYTON | MAX MIN | 70 49 | 67 43 | 69 55 | 65 41 | 69 42 | 70 52 | 65 46 | 65 38 | 69 42 | 75 45 | 79 50 | 68 42 | 72 48 | 74 51 | 78 57 | 74 48 | 70 55 | 71 42 | 67 50 | 66 55 | 58 31 | 54 35 | 52 38 | 51 35 | 56 40 | 53 28 | 55 38 | 52 41 | 54 50 | 55 48 | 56 55 | 64.5 44.5 |
| ELIZABETH | MAX MIN | 73 44 | 70 40 | 74 50 | 66 44 | 72 38 | 78 52 | 69 39 | 74 34 | 76 39 | 80 42 | 81 46 | 73 45 | 77 43 | 82 46 | 83 52 | 78 54 | 76 50 | 74 43 | 68 42 | 68 42 | 57 30 | 60 30 | 58 32 | 54 40 | 53 34 | 64 36 | 60 47 | 58 46 | 62 42 | 61 45 | 56 45 | 68.8 41.7 |
| ESSEX FELS SERV BLOC | MAX MIN | 76 50 | 64 38 | 72 39 | 73 38 | 70 40 | 68 39 | 74 46 | 65 48 | 70 47 | 71 39 | 70 37 | 74 43 | 73 40 | 75 44 | 74 48 | 80 50 | 74 49 | 68 45 | 65 44 | 67 46 | 66 38 | 60 32 | 62 39 | 60 40 | 54 41 | 55 38 | 67 40 | 65 44 | 68 49 | 64 49 | 66 49 | 68.1 42.9 |
| FLEMINGTON 1 NE | MAX MIN | 69 45 | 66 33 | 69 50 | 67 34 | 71 48 | 75 48 | 64 33 | 71 31 | 75 37 | 76 38 | 80 45 | 75 43 | 76 35 | 78 43 | 84 49 | 81 52 | 74 41 | 68 37 | 63 34 | 68 51 | 53 26 | 57 27 | 55 27 | 52 37 | 49 33 | 61 26 | 58 34 | 57 47 | 58 45 | 58 45 | 53 44 | 66.4 38.9 |
| FREEHOLD | MAX MIN | 75 46 | 68 40 | 69 54 | 65 40 | 69 43 | 71 51 | 65 42 | 71 38 | 74 46 | 74 46 | 80 51 | 70 48 | 74 43 | 81 50 | 80 55 | 76 57 | 70 53 | 70 46 | 66 49 | 66 50 | 51 32 | 57 32 | 57 36 | 53 42 | 49 35 | 57 30 | 57 38 | 55 51 | 48 48 | 55 48 | 47 47 | 65.8 44.7 |
| HAMMONTON 2 NNE | MAX MIN | 72 41 | 69 43 | 78 39 | 71 43 | 67 42 | 73 45 | 67 46 | 67 40 | 73 44 | 71 47 | 78 48 | 79 50 | 70 42 | 77 46 | 82 49 | 85 60 | 77 54 | 72 48 | 74 47 | 70 49 | 60 33 | 54 32 | 60 37 | 59 44 | 51 36 | 58 31 | 58 40 | 60 44 | 60 46 | 53 46 | 56 48 | 67.9 43.6 |
| HIGH POINT PARK | MAX MIN | 76 39 | 55 37 | 59 39 | 64 35 | 60 35 | 64 45 | 61 48 | 60 39 | 68 41 | 70 37 | 71 42 | 74 44 | 65 40 | 70 42 | 75 52 | 78 56 | 74 43 | 69 41 | 62 41 | 60 42 | 50 29 | 47 21 | 52 34 | 48 37 | 45 30 | 60 30 | 60 38 | 59 39 | 54 50 | 56 54 | 59 54 | 61.0 39.2 |
| HIGHTSTOWN 1 N | MAX MIN | 72 46 | 69 38 | 69 52 | 64 40 | 69 50 | 71 50 | 65 42 | 70 36 | 75 41 | 75 42 | 79 51 | 72 48 | 74 42 | 80 55 | 80 55 | 76 57 | 70 51 | 69 45 | 65 43 | 67 47 | 52 32 | 57 31 | 58 35 | 53 41 | 51 36 | 58 31 | 58 38 | 55 40 | 57 45 | 55 45 | 54 47 | 65.8 43.2 |
| INOIAN MILLS 2 W | MAX MIN | 67 47 | 69 34 | 70 52 | 66 37 | 71 36 | 74 49 | 65 38 | 70 33 | 72 43 | 77 43 | 79 47 | 70 44 | 76 36 | 81 43 | 83 53 | 77 55 | 71 49 | 72 41 | 67 43 | 68 47 | 52 28 | 59 30 | 58 30 | 55 33 | 57 34 | 58 37 | 58 35 | 52 48 | 56 45 | 56 47 | 66.5 40.9 | |
| JERSEY CITY | MAX MIN | 61 47 | 63 42 | 67 51 | 61 45 | 65 45 | 68 52 | 65 49 | 68 52 | 67 45 | 74 50 | 78 56 | 66 52 | 69 45 | 71 54 | 77 61 | 70 61 | 68 55 | 67 51 | 67 48 | 67 42 | 52 37 | 54 37 | 55 45 | 51 38 | 47 39 | 58 37 | 56 37 | 55 49 | 57 43 | 55 48 | 63.1 47.3 | |
| LAMBERTVILLE | MAX MIN | 74 45 | 67 36 | 70 50 | 66 37 | 69 49 | 75 54 | 67 37 | 71 36 | 75 39 | 77 41 | 81 45 | 77 41 | 75 38 | 79 45 | 83 52 | 77 54 | 74 50 | 71 41 | 65 40 | 68 51 | 54 30 | 59 30 | 57 33 | 52 38 | 54 36 | 61 30 | 59 37 | 55 47 | 59 45 | 59 48 | 55 48 | 67.2 41.3 |
| LAURELTON 1 E | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | MAX MIN | 67 45 | 62 34 | 65 44 | 60 34 | 60 33 | 65 43 | 63 43 | 70 33 | 72 40 | 70 44 | 78 42 | 70 34 | 73 37 | 80 51 | 82 50 | 73 48 | 72 46 | 63 37 | 58 33 | 60 42 | 56 29 | 54 22 | 52 25 | 50 35 | 43 35 | 62 32 | 57 32 | 60 30 | 61 42 | 60 35 | 52 44 | 63.5 37.7 |
| LITTLE FALLS 1 E | MAX MIN | 82 48 | 65 38 | 68 49 | 70 38 | 68 49 | 72 44 | 72 40 | 68 37 | 73 39 | 78 41 | 82 46 | 71 47 | 76 38 | 79 44 | 85 46 | 77 50 | 75 44 | 70 40 | 68 51 | 60 33 | 58 31 | 55 31 | 59 41 | 51 36 | 48 33 | 64 38 | 59 43 | 58 45 | 59 46 | 60 47 | 68.0 41.9 | |
| LONG BRANCH | MAX MIN | 60 51 | 65 50 | 68 55 | 62 44 | 65 44 | 73 51 | 66 44 | 69 45 | 70 45 | 75 49 | 78 52 | 66 48 | 68 44 | 74 48 | 82 60 | 75 61 | 72 55 | 70 48 | 68 56 | 68 45 | 51 35 | 57 34 | 56 39 | 58 37 | 50 39 | 57 34 | 62 42 | 57 50 | 56 47 | 56 50 | 64.8 46.7 | |
| LONG VALLEY | MAX MIN | 73 41 | 63 30 | 68 46 | 64 36 | 68 32 | 66 42 | 65 34 | 70 36 | 72 34 | 73 36 | 80 42 | 69 38 | 74 31 | 76 38 | 82 48 | 77 46 | 72 46 | 68 36 | 64 37 | 65 32 | 53 26 | 55 24 | 56 34 | 48 28 | 52 36 | 63 26 | 56 38 | 55 40 | 59 41 | 56 42 | 52 44 | 65.0 36.9 |
| MILLVILLE | MAX MIN | 77 51 | 63 42 | 67 50 | 70 47 | 66 43 | 70 45 | | | | | | | | | | | | | | | | | | | | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| RIOGEFIELDO | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | MAX MIN | 75 50 | 67 41 | 70 57 | 65 46 | 69 44 | 73 55 | 70 49 | 68 42 | 69 54 | 76 50 | 78 52 | 76 53 | 73 45 | 78 52 | 83 54 | 78 56 | 74 54 | 74 49 | 70 50 | 69 54 | 55 33 | 60 35 | 57 37 | 56 44 | 57 37 | 55 31 | 58 40 | 56 47 | 50 45 | 58 45 | 59 47 | 67.0 46.7 |
| SOMERVILLE | MAX MIN | 72 45 | 67 38 | 69 51 | 66 36 | 69 40 | 74 53 | 65 35 | 70 35 | 73 38 | 74 38 | 79 44 | 72 43 | 72 37 | 76 44 | 81 51 | 75 53 | 70 43 | 69 41 | 64 40 | 66 49 | 54 29 | 56 28 | 56 29 | 51 40 | 48 35 | 60 29 | 59 35 | 56 48 | 60 45 | 59 48 | 54 47 | 65.7 40.9 |
| SUSSEX | MAX MIN | 78 45 | 57 34 | 65 44 | 62 35 | 62 35 | 67 37 | 66 39 | 69 39 | 71 34 | 70 35 | 71 40 | 75 45 | 64 36 | 70 36 | 75 45 | 80 50 | 70 45 | 68 42 | 62 42 | 63 53 | 54 29 | 48 26 | 56 28 | 55 42 | 47 36 | 43 29 | 60 34 | 54 50 | 57 47 | 59 45 | 57 45 | 63.1 38.9 |
| TOMS RIVER | MAX MIN | 65 48 | 66 43 | 70 52 | 66 37 | 68 35 | 72 34 | 70 36 | 65 34 | 70 41 | 75 38 | 78 44 | 76 41 | 73 35 | 77 44 | 73 54 | 74 55 | 72 54 | 73 40 | 65 42 | 64 53 | 54 29 | 60 26 | 54 28 | 54 42 | 52 36 | 63 29 | 62 34 | 60 50 | 58 47 | 57 45 | 65 54 | 66.2 41.1 |
| TRENTON WB CITY | MAX MIN | 60 48 | 67 43 | 68 51 | 62 45 | 68 46 | 72 51 | 64 47 | 68 44 | 74 48 | 75 51 | 80 55 | 69 53 | 74 47 | 78 51 | 80 58 | 75 61 | 70 54 | 68 52 | 69 49 | 67 42 | 51 37 | 57 37 | 57 42 | 52 37 | 58 38 | 58 43 | 55 46 | 58 44 | 54 48 | 56 47 | 65.0 46.8 | |
| TUCKERTON | MAX MIN | 70 40 | 76 35 | 73 57 | 69 41 | 67 36 | 75 54 | 70 42 | 67 36 | 70 44 | 78 44 | 80 52 | 76 47 | 70 37 | 75 44 | 80 54 | 74 53 | 75 54 | 70 47 | 70 44 | 69 52 | 56 30 | 60 28 | 60 27 | 60 39 | 57 35 | 60 29 | 60 33 | 50 50 | 53 48 | 55 46 | 60 46 | 67.6 42.7 |
| WOODSTOWN | MAX MIN | 74 50 | 74 39 | 72 55 | 68 43 | 70 41 | 73 52 | 68 41 | 69 39 | 70 47 | 77 44 | 79 42 | 78 46 | 75 42 | 79 47 | 80 56 | 78 59 | 73 54 | | 73 43 | 70 53 | 54 32 | 58 32 | 57 36 | 55 44 | 57 36 | 53 28 | 58 43 | 57 49 | 52 46 | 58 46 | 59 47 | 67.3 44.4 |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---------------------|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. | |
| ATLANTIC CITY WB AIRPORT | EVAP | .28 | .15 | .17 | .21 | .12 | .10 | .22 | .11 | .10 | .10 | .26 | .25 | .11 | .08 | .14 | .10 | .06 | .23 | .12 | .14 | .11 | - | - | - | - | - | - | - | - | - | - | - | - |
| | WIND | 170 | 60 | 106 | 104 | 41 | 78 | 112 | 41 | 46 | 57 | 42 | 40 | 95 | 38 | 40 | 39 | 63 | 78 | 46 | 169 | 111 | - | - | - | - | - | - | - | - | - | - | - | |
| | MAX | 75 | 73 | 76 | 68 | 73 | 74 | 70 | 70 | 73 | 76 | 73 | 74 | 74 | 80 | 85 | 78 | 75 | 76 | 68 | 65 | 57 | - | - | - | - | - | - | - | - | - | - | - | |
| | MIN | 53 | 46 | 61 | 53 | 47 | 62 | 50 | 45 | 54 | 51 | 53 | 54 | 48 | 55 | 61 | 61 | 58 | 52 | 54 | 55 | 32 | - | - | - | - | - | - | - | - | - | - | - | |
| CANOE BROOK | EVAP | * | .35 | .10 | .06 | .08 | .05 | .05 | .09 | .12 | .07 | .14 | .09 | .09 | .07 | .07 | .05 | .04 | .14 | .03 | .08 | .05 | .02 | .08 | .09 | .01 | .04 | .02 | .03 | .04 | .08 | 2.23 | | |
| | WIND | 39 | 40 | 21 | 33 | 11 | 29 | 21 | 38 | 7 | 8 | 13 | 28 | 35 | 12 | 10 | 11 | 9 | 12 | 25 | 37 | 66 | 19 | 16 | 33 | 100 | 77 | 12 | 19 | 55 | 62 | 57 | 955 | |

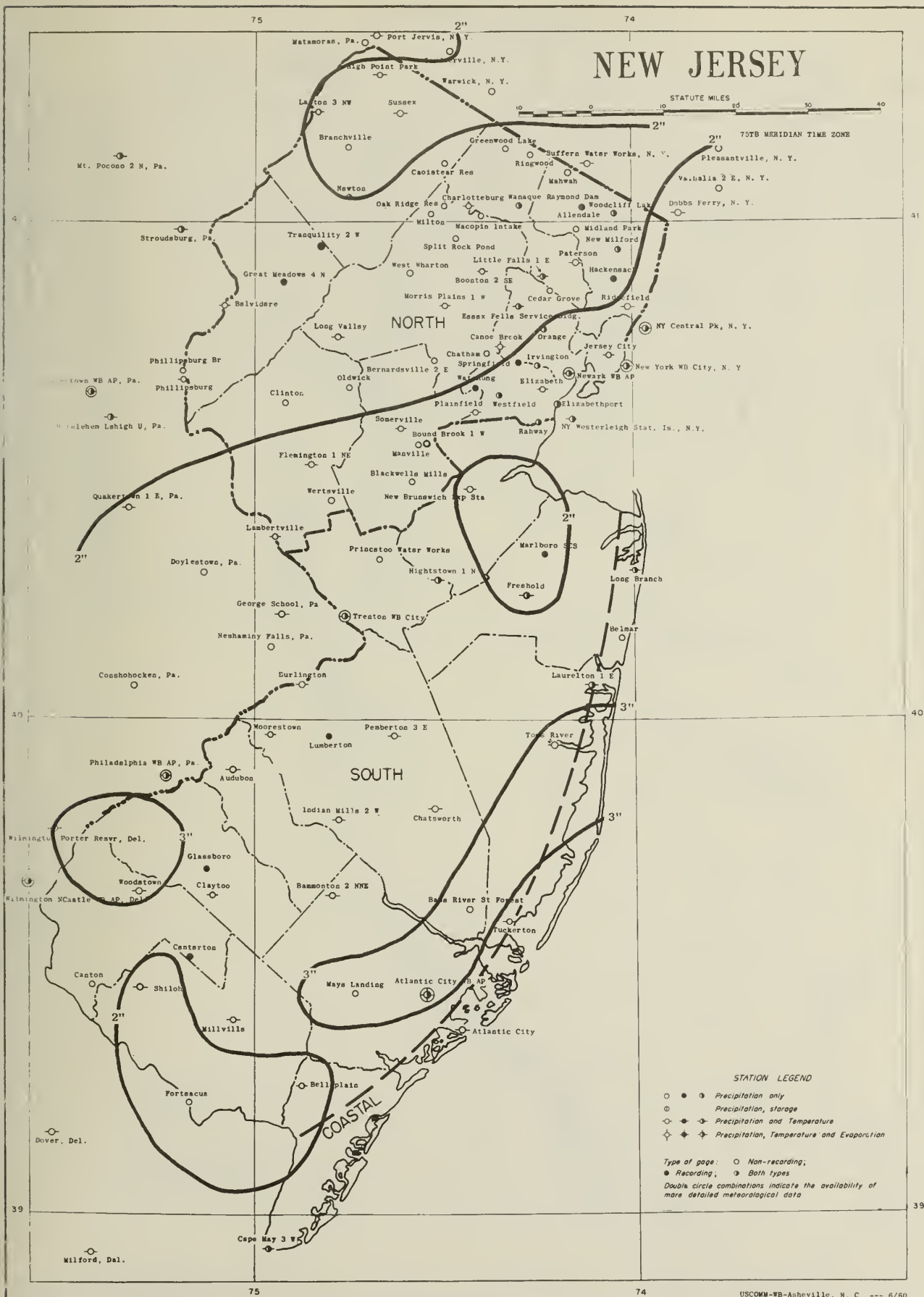
DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 64 | 63 | 65 | 62 | 64 | 63 | 60 | 62 | 62 | 62 | 63 | 62 | 62 | 65 | 67 | 66 | 65 | 62 | 58 | 58 | 53 | 52 | 50 | 48 | 44 | 52 | 52 | 52 | 52 | 52 | 52 | 58.7 |
| | MIN | 57 | 54 | 59 | 53 | 52 | 56 | 52 | 49 | 51 | 52 | 53 | 53 | 50 | 53 | 57 | 59 | 57 | 53 | 51 | 51 | 45 | 43 | 42 | 43 | 44 | 41 | 39 | 46 | 50 | 49 | 47 | 50 |
| 2 INCHES | MAX | 64 | 62 | 64 | 61 | 62 | 62 | 60 | 60 | 60 | 61 | 61 | 60 | 60 | 61 | 63 | 63 | 62 | 58 | 57 | 53 | 51 | 50 | 49 | 45 | 45 | 50 | 51 | 52 | 52 | 52 | 52 | 57.5 |
| | MIN | 60 | 58 | 60 | 56 | 55 | 58 | 55 | 53 | 54 | 54 | 54 | 55 | 55 | 51 | 55 | 57 | 59 | 58 | 55 | 52 | 53 | 49 | 46 | 45 | 45 | 44 | 41 | 47 | 51 | 50 | 49 | 50 |
| 4 INCHES | MAX | 64 | 62 | 63 | 60 | 62 | 62 | 59 | 60 | 60 | 60 | 61 | 60 | 60 | 62 | 64 | 64 | 62 | 58 | 57 | 52 | 51 | 50 | 49 | 45 | 45 | 50 | 52 | 52 | 52 | 52 | 52 | 57.5 |
| | MIN | 58 | 55 | 60 | 54 | 54 | 57 | 53 | 51 | 52 | 53 | 54 | 54 | 51 | 54 | 57 | 59 | 58 | 54 | 52 | 52 | 49 | 44 | 44 | 44 | 43 | 40 | 47 | 50 | 49 | 48 | 50 | 51.7 |
| 8 INCHES | MAX | 64 | 62 | 63 | 60 | 60 | 60 | 59 | 59 | 59 | 58 | 60 | 59 | 58 | 59 | 61 | 61 | 61 | 59 | 59 | 58 | 54 | 52 | 51 | 50 | 47 | 51 | 52 | 52 | 52 | 52 | 52 | 57.0 |
| | MIN | 62 | 60 | 61 | 59 | 58 | 59 | 57 | 55 | 56 | 56 | 57 | 57 | 55 | 56 | 58 | 60 | 59 | 57 | 55 | 56 | 52 | 50 | 48 | 48 | 46 | 44 | 49 | 51 | 51 | 50 | 51 | 54.7 |
| 12 INCHES | MAX | 64 | 62 | 62 | 61 | 61 | 61 | 60 | 59 | 59 | 59 | 59 | 59 | 59 | 59 | 60 | 61 | 60 | 60 | 59 | 59 | 57 | 55 | 52 | 52 | 49 | 52 | 52 | 53 | 53 | 53 | 53 | 57.7 |
| | MIN | 63 | 62 | 62 | 61 | 60 | 60 | 59 | 58 | 58 | 58 | 59 | 58 | 57 | 58 | 59 | 60 | 60 | 59 | 57 | 57 | 55 | 53 | 51 | 51 | 49 | 48 | 51 | 52 | 53 | 53 | 53 | 56.7 |
| 16 INCHES | MAX | 64 | 63 | 62 | 62 | 62 | 61 | 60 | 59 | 59 | 59 | 59 | 59 | 59 | 58 | 59 | 60 | 60 | 60 | 59 | 59 | 58 | 56 | 54 | 54 | 51 | 52 | 53 | 53 | 53 | 53 | 53 | 58.0 |
| | MIN | 64 | 63 | 62 | 62 | 61 | 60 | 60 | 59 | 59 | 59 | 59 | 59 | 58 | 57 | 58 | 59 | 60 | 60 | 59 | 58 | 56 | 54 | 53 | 53 | 50 | 50 | 52 | 53 | 53 | 53 | 53 | 57.3 |

Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan Thermocouples connected to a Brown Elektronik Potentiometer.

TOTAL PRECIPITATION

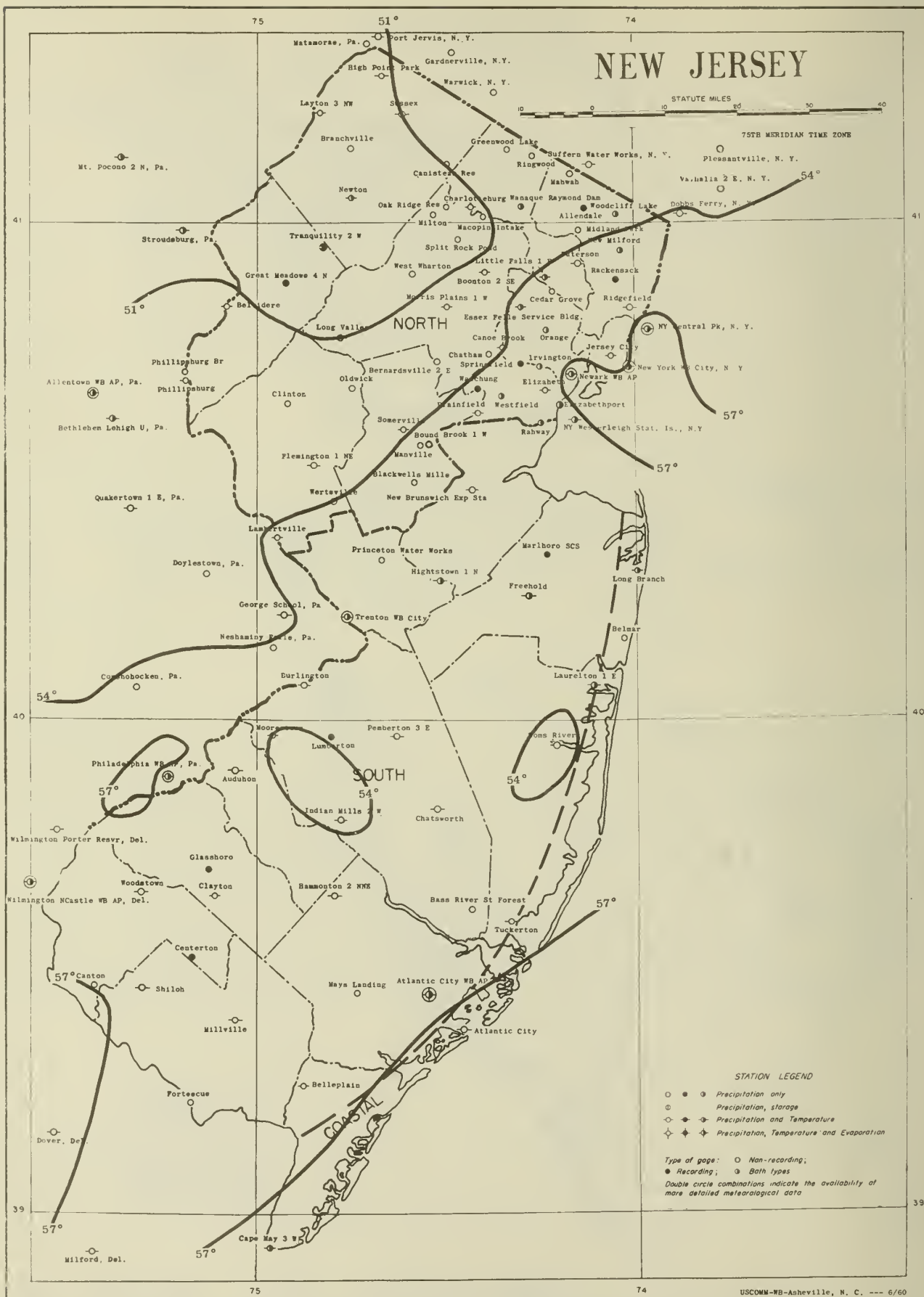
NEW JERSEY
OCTOBER 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
OCTOBER 1960



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
OCTOBER 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|--------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------------|---------|-------|---------|--------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | 10 | 7P | C H J | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | 10 | | | STATE MARINA |
| AUGUBON | 0344 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | 6P | | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | 5P | | | MRS. E. C. HOFFMAN |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | H | CLEMENT HAUPT |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | HENRY M. MILLER |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0970 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | ALBERT M. OAKENFORD |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALAM | 2 | 39 28 | 75 25 | 20 | 9A | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | 5P | | C | N.WEST MAGNITE CO. |
| CEAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | J. A. PLUNKETT |
| CENTERTON | 1512 | SALAM | 6 | 39 31 | 75 10 | 80 | | | | C | JOHN HOPKINS UNL. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | H | NEWARK WATER DEPT. |
| CHATTAUGH | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | EDWARD P. MOLLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | EARL M. KERCHNER |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | H | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | L. W. KLOZNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | 5P | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | SEWAGE TREATMENT PLANT |
| ESSEX FIELDS SERV. BLDG. | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | C | BOROUGH ESSEX FELS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | H | DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | JOHN LOPER |
| FREEMO | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | C H | FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | C | PROF. J. B. SANGREE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | 7A | GAMMA CHEMICAL CORP. |
| GREENWODE LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT. OF CONS. |
| HIGHTSTOWN 1 W | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C H | JAMES R. PICKERING |
| INOLAN MILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 67 | 100 | 7P | 7P | | | EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | C | JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | H | E. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | C H | GEORGE G. WADDELL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | H | A. M. DEPUÉ |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | 9A | | C H | PASSAIC VLT. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 73 59 | 34 | MID | MID | | C H J | WILLIAM O. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | H | ARTHUR BAREMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | JAMES LAWTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 26 | 584 | 9A | | | | NEWARK WATER DEPT. |
| MAHAN | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | ROBERT G. GLASGOW |
| MARVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | C | JOHN L. RAOCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C | GERON BRILL |
| MAYS LANING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | H | ELMER EARLE |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | C H | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | L. J. GALLNER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MID | MID | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | PA. J. WILLARD |
| MORRIS PLAINS | 5767 | MORRIS | 8 | 40 50 | 74 30 | 900 | 8A | 8A | | H | JAMES C. LONG |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | C H J | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP. STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | GH | ARTHUR M. AHLQUIST |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | C | HACKENSACK WATER CO. |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H | NEWTON WTR. & SAN. COMM. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | NEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | OAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | C | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 8A | | H | PA. J. DEL VECCHIO |
| PERMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 5P | 5P | | H | PHILIP L. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | H | SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | H | MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | MID | | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | C H | RAHWAY VLT. SWG. AUTH. |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | MID | | H | GEORGE P. KIRSTEN |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | MO. JERSEY WTR. SUPPLY |
| SCHOOLETS MOUNTAIN | 7898 | MORRIS | 10 | 40 48 | 74 48 | 1000 | 8A | | | | JOHN VANSTONE |
| SHILDH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | H | EVERETT DICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | H | W. E. NAVER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | JERSEY CITY O. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | C | N. J. DEPT. OF CONS. |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | BRICE B. STANTON |
| TOMS RIVER | 8814 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | C H J | PA. J. ERVEY |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | REV. WALTER T. GANOEK |
| WANAQUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | C | BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | ROBERT W. HANNERS |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | MID | | | | CITY ENGINEER |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | N. J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | CREAM VALLEY DAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-MJSDN; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

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U. S. DEPARTMENT OF COMMERCE
FREDERICK H. MUELLER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

NOVEMBER 1960
Volume 65 No. 11



ASHEVILLE: 1961

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NEW JERSEY - NOVEMBER 1960
TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 72° on the 16th at 3 stations

Lowest Temperature: 13° on the 8th at Layton 3 NW

Greatest Total Precipitation: 3.34 inches at Jersey City

Least Total Precipitation: 1.20 inches at High Point Park

Greatest One-Day Precipitation: 1.53 inches on the 1st at Jersey City

Greatest Reported Total Snowfall: Trace at 5 stations

Greatest Reported Depth of Snow on Ground: None

SPECIAL WEATHER SUMMARY

On November 29th a suspected tornado passed through Branchburg Township, Somerset County, with considerable damage reported to two farms. On one farm a dairy barn was destroyed, resulting in the death of one cow; the farmhouse was unroofed. A barn on the other farm was badly damaged.

Windows were blown outward from houses.

Donald V. Dunlap
Weather Bureau State Climatologist
c/o General Delivery
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
NOVEMBER 1960

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| | | | | | | | | | | | Max | | Min | | | | | | Total | Max. Depth on Ground | Date | 10 or More | 50 or More | 100 or More | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 32° or Above | 32° or Below | 32° or Below | 32° or Below | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | </ |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | | Percent of possible sunshine | Average sky cover | sunrise to sunset |
|--------------------------|----------------|---------------------------------|---------------------|--------------|---------------------------|----------------------|------------------------------------|------------|------------|------------|-----------------------------------|-------|-------|-------|---------|--------------|-------|----|------------------------------|-------------------|-------------------|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | | |
| ATLANTIC CITY WB AIRPORT | W | 16 | 12.4 | 32 | W | 17 | 80 | 84 | 52 | 71 | 3 | 1 | 3 | 1 | 0 | 0 | 8 | 58 | 5.4 | | |
| ATLANTIC CITY | - | - | 11.4 | 24 | W | 4 | - | - | - | - | - | 1 | 2 | 2 | 0 | 0 | - | - | - | | |
| LONG BRANCH | W | 12 | 12.0 | 35 | W | 2 | - | 78 | 64 | 66 | 2 | 2 | 1 | 3 | 0 | 0 | 8 | 66 | 5.4 | | |
| NEWARK WB AIRPORT | SW | 19 | 8.3 | 29++ | SSW | 29 | 70 | 74 | 49 | 58 | 5 | 3 | 2 | 2 | 0 | 0 | 12 | - | 5.4 | | |
| TRENTON WB CITY | - | - | 8.0 | 29 | SW | 29 | - | - | - | - | 3 | 3 | 2 | 1 | 1 | 0 | 10 | 72 | 5.1 | | |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | | | |

∅ 12:00 Noon

DAILY PRECIPITATION

NEW JERSEY
NOVEMBER 1960

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|--------|--------------|-----|-----|-----|-----|-----|-----|---|-----|------|-----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|-----|------|------|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | R 1.53 | .35 | | | | .19 | T | | | T | .69 | | | | | | | | | T | | | | | .03 | | | | | | .48 | | |
| ATLANTIC CITY | 1.53 | .30 | | | | .16 | | | | | .53 | | | | | | | | | | | | | | .04 | | | | | | .50 | | |
| AUDUBON | 2.49 | .37 | T | .12 | | .15 | T | | | T | 1.07 | | | | | | | | | | | | | | .06 | | | | | | .72 | | |
| BASS RIVER ST FOREST | 2.36 | .75 | | | | | .22 | | | | .66 | | | | | | | | | | | | | | .10 | | | | | | | .63 | |
| BELLEPLAIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELMAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.78 | .47 | | | | .05 | .18 | | | T | 1.15 | | | | | | | | | | | | | | .06 | | | | | | .67 | .20 | |
| BERNARDSVILLE 2 E | 2.57 | .43 | .02 | | | | .26 | | | | .70 | .19 | | | | | | | | | | | | | .05 | | | | | | .02 | .90 | |
| BLACKWELLS MILLS | 2.41 | .31 | .04 | .05 | | | .26 | | | | .70 | .35 | | | | | | | | | | | | | .03 | | | T | | | .03 | .64 | |
| BOONTON 2 SE | 2.14 | .42 | .04 | | | | .12 | | | | .69 | | | | | | | | | | | | | | .03 | T | | | | | .03 | .81 | |
| BOUND BROOK 1 W | 2.33 | .37 | .01 | | | | .27 | | | | .82 | .27 | T | | | | | | | | | | | | | | | | | | | .59 | |
| BRANCHVILLE | 1.90 | .54 | .04 | T | | .04 | T | | T | T | .39 | .07 | | | | | | | | | | | | .08 | | | | | | T | .44 | | |
| BURLINGTON | 2.46 | .41 | .02 | .09 | | .09 | .10 | | | | .91 | | | | | | | | | | | | | .04 | | | | | | .60 | .20 | | |
| CANISTEAR RESERVOIR | 2.46 | .45 | .01 | | | | .11 | T | | | .77 | .05 | | | | | | | | | | | | .08 | | | | | | .01 | .98 | | |
| CANOE BROOK | 2.47 | .57 | .04 | | | | .31 | | | | .87 | | | | | | | | | | | | | .03 | | | | | | .02 | .63 | | |
| CANTON | 1.97 | .31 | | .07 | | | .17 | | | | .02 | .76 | | | | | | | | | | | | | .05 | | | | | | .01 | .59 | |
| CAPE MAY 3 W | 1.43 | .22 | .01 | .01 | | .02 | .20 | | | | .81 | | | | | | | | | | | | | | .02 | | | | | .01 | .02 | .49 | |
| CEDAR GROVE | 2.78 | .59 | .05 | | | | .35 | | | | .80 | .19 | | | | | | | | | | | | | .05 | | | | | | .75 | | |
| CHARLOTTEBURG | 2.76 | .51 | .03 | | | | .12 | | | | .73 | .08 | | | | | | | | | | | | | .05 | | | | | .05 | 1.19 | | |
| CHATHAM | 2.35 | .51 | T | | | | .30 | T | | | .74 | .18 | | | | | | | | | | | | | T | | | | | | .62 | | |
| CHATSORTH | 1.96 | .32 | | .07 | | | .13 | | | | .81 | | | | | | | | | | | | | | .06 | | | | | | .07 | .50 | |
| CLAYTON | 1.76 | T | .16 | T | | | .06 | | | .29 | .44 | | | | | | | | | | | | | | .05 | | | | | | .61 | .15 | |
| CLINTON | 2.29 | .54 | | | | | .04 | .18 | | | .95 | | | | | | | | | | | | | | .04 | | | | | | .14 | .40 | |
| ELIZABETH | 2.46 | .78 | | .01 | | | .01 | .27 | | | 1.01 | | | | | | | | | | | | | | .10 | | | | | | .18 | .10 | |
| ELIZABETHPORT | 2.23 | .53 | | | | .27 | | | | .02 | .95 | | | | | | | | | | | | | | | | | | T | | .46 | | |
| ESSEX FIELDS SERV BLDG | 1.60 | .55 | | | | | | | | | .55 | | | | | | | | | | | | | | | | | | | | | .50 | |
| FLEMINGTON 1 NE | 2.82 | .46 | T | .02 | | .03 | .25 | | | | .93 | | | | | | | | | | | | | | .05 | | | | | | .22 | .86 | |
| FORTESCUE | 2.04 | .57 | .05 | | | | .20 | | | | .07 | .48 | | | | | | | | | | | | | | | | | | | .07 | .60 | |
| FREEMOLD | 2.71 | .73 | | .13 | | .03 | .15 | | | T | .94 | | | | | | | | | | | | | | | | | | | | .17 | .50 | |
| GREENWOOD LAKE | 2.99 | .64 | .05 | | .04 | | .04 | | | | .84 | .15 | | | | | | | | | | | | | .12 | | | | | | .08 | 1.03 | |
| HAMMONTON 2 NNE | 1.71 | .38 | .04 | .02 | | | .19 | | | | .15 | .45 | | | | | | | | | | | | | .04 | | | | | | | .44 | |
| HIGH POINT PARK | 1.20 | .46 | T | | .04 | T | | | | | .21 | T | | | | | | | | | | | | | T | T | | | | T | .49 | | |
| HIGHTSTOWN 1 N | 2.17 | .32 | | | | .03 | .14 | | | | .99 | | | | | | | | | | | | | | .04 | | | | | | .25 | .40 | |
| INDIAN HILLS 2 W | 1.86 | .33 | | .06 | | .07 | .08 | | | | .72 | | | | | | | | | | | | | | .05 | | | | | | .40 | .15 | |
| IRVINGTON | 2.59 | .61 | | | | .25 | | | | .04 | 1.05 | | | | | | | | | | | | | | .03 | | | | | | .61 | | |
| JERSEY CITY | 3.34 | 1.53 | | | | .28 | | | | .05 | .95 | | | | | | | | | | | | | | T | | | | | | .53 | | |
| LAMBERTVILLE | 2.26 | .47 | | .06 | | .03 | .12 | | | | .98 | | | | | | | | | | | | | | .05 | | | | | | .31 | .24 | |
| LAURELTON 1 E | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | 1.62 | .52 | | .02 | | .03 | T | .29 | | .04 | .35 | | | | | | | | | | | | | | T | T | | | | | .23 | .07 | |
| LITTLE FALLS 1 E | 1.86 | .04 | | | | .20 | | | | | .74 | .11 | | | | | | | | | | | | | .07 | | | | | | .02 | .72 | |
| LONG BRANCH | R 2.63 | .97 | | | | .12 | T | | | .03 | .70 | | | | | | | | | | | | | | .07 | | | | | | .74 | | |
| LONG VALLEY | 2.35 | .40 | | | | .24 | .04 | | | | .55 | | | | | | | | | | | | | | .07 | | | | | | | | |
| MACOPIN INTAKE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MANHAWK | 2.93 | .71 | .03 | | T | | .08 | | | | .79 | .12 | | | | | | | | | | | | | .08 | | | | | | .05 | 1.07 | |
| MANVILLE | 2.21 | .30 | T | | | .24 | T | | | T | 1.12 | | | | | | | | | | | | | | .07 | | | | | | | | |
| MAYS LANDING | 1.99 | .50 | | | | .15 | .15 | | | | .49 | | | | | | | | | | | | | | .10 | | | | | | | .60 | |
| MIDLAND PARK | 2.62 | .53 | | .01 | | .10 | | | | .01 | .90 | | | | | | | | | | | | | | .09 | | | | | | | .98 | |
| MILLVILLE | 1.73 | .15 | | | | .17 | | | | | .69 | | | | | | | | | | | | | | .02 | | | | | | | .70 | |
| MILLVILLE FAA AIRPORT | 1.64 | .11 | | | | .17 | | | | T | .72 | | | | | | | | | | | | | | .04 | | | | | | | .60 | |
| MILTON | 2.82 | .20 | .28 | | | .21 | | | | | .71 | .21 | | | | | | | | | | | | | .12 | | | | | | .05 | 1.04 | |
| MOORESTOWN | 2.89 | .45 | .02 | .14 | T | | .24 | | | | .71 | .44 | | | | | | | | | | | | | .07 | T | | | | | | .82 | |
| MORRIS PLAINS | 2.78 | .56 | .04 | T | T | | .19 | T | | | .72 | .13 | | | | | | | | | | | | | | | | | | | .04 | 1.10 | |
| NEWARK WB AIRPORT | 2.41 | .74 | | T | | .26 | .02 | | | .02 | .94 | | | | | | | | | | | | | | T | T | | | | | | | |
| NEW BRUNSWICK EXP STA | 3.33 | .50 | .02 | .05 | | .04 | .78 | | | | 1.17 | | | | | | | | | | | | | | .15 | | | | | | | .62 | |
| NEW MILFORD | 2.36 | .96 | | | | .10 | | | | .02 | .80 | | | | | | | | | | | | | | .04 | | | | | | | .44 | |
| NEWTON | 2.07 | .35 | .05 | | T | | .14 | T | | | .58 | .12 | | | | | | | | | | | | | .02 | | | | | | | .69 | |
| OAK RIDGE RESERVOIR | 2.75 | .41 | T | | | .17 | | | | | .82 | .17 | | | | | | | | | | | | | .10 | | | | | | .84 | 1.04 | |
| OLDWICK | 2.77 | .41 | T | | | .26 | .03 | | | | .70 | .21 | | | | | | | | | | | | | .05 | | | | | | T | 1.11 | |
| ORANGE | 3.10 | .85 | | | | | | | | | 1.55 | | | | | | | | | | | | | | | | | | | | | .70 | |
| PATERSON | 2.88 | .66 | .04 | | | .06 | | | | | 1.10 | .01 | | | | | | | | | | | | | .03 | | | | | | | .03 | .94 |
| PEMBERTON 3 E | 2.13 | .30 | .01 | .08 | | .07 | .10 | | | | .69 | | | | | | | | | | | | | | .05 | | | | | | .03 | .80 | |
| PHILLIPSBURG | 2.56 | .52 | .03 | | | T | .25 | | | | 1.08 | | | | | | | | | | | | | | | | | | | | | .68 | |
| PHILLIPSBURG BRIDGE | 2.54 | .50 | .02 | | | | .25 | | | | .98 | .10 | | | | | | | | | | | | | .06 | | | | | | | .63 | |
| PLAINFIELD | 2.48 | .50 | .02 | T | | .30 | T | | | | 1.03 | | | | | | | | | | | | | | .05 | | | | | | | .58 | |
| PRINCETON WATER WORKS | 2.37 | .19</ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
NOVEMBER 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX | 62 | 65 | 55 | 58 | 55 | 48 | 43 | 49 | 60 | 60 | 49 | 55 | 59 | 63 | 65 | 71 | 64 | 60 | 58 | 57 | 59 | 65 | 55 | 53 | 55 | 59 | 66 | 66 | 63 | 46 | | |
| | MIN | 50 | 44 | 43 | 42 | 44 | 32 | 31 | 26 | 39 | 39 | 32 | 27 | 27 | 35 | 43 | 52 | 44 | 35 | 42 | 32 | 38 | 40 | 37 | 30 | 36 | 29 | 46 | 39 | 46 | 31 | | |
| ATLANTIC CITY | MAX | 61 | 60 | 56 | 58 | 55 | 49 | 44 | 49 | 58 | 59 | 49 | 53 | 52 | 57 | 59 | 63 | 60 | 58 | 58 | 60 | 58 | 56 | 51 | 55 | 57 | 58 | 62 | 60 | 45 | | | |
| | MIN | 52 | 47 | 44 | 42 | 44 | 37 | 32 | 29 | 42 | 38 | 34 | 34 | 35 | 42 | 49 | 55 | 45 | 43 | 42 | 35 | 41 | 42 | 41 | 34 | 40 | 38 | 50 | 46 | 45 | 31 | | |
| AUOUBON | MAX | 63 | 67 | 57 | 60 | 53 | 51 | 43 | 49 | 57 | 57 | 48 | 53 | 54 | 62 | 64 | 71 | 62 | 64 | 57 | 58 | 61 | 65 | 55 | 52 | 55 | 60 | 62 | 65 | 68 | 49 | | |
| | MIN | 54 | 40 | 42 | 41 | 45 | 35 | 32 | 24 | 31 | 42 | 32 | 27 | 28 | 38 | 42 | 48 | 38 | 34 | 40 | 33 | 38 | 37 | 42 | 28 | 36 | 33 | 40 | 41 | 48 | 31 | | |
| BELLEPLAIN | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | MAX | 60 | 62 | 54 | 61 | 52 | 45 | 44 | 46 | 47 | 52 | 49 | 52 | 57 | 62 | 63 | 62 | 59 | 58 | 58 | 59 | 60 | 61 | 54 | 51 | 51 | 57 | 62 | 60 | 62 | 60 | | |
| | MIN | 50 | 34 | 35 | 40 | 35 | 29 | 25 | 17 | 25 | 38 | 26 | 20 | 20 | 28 | 37 | 38 | 43 | 25 | 29 | 25 | 24 | 27 | 32 | 19 | 25 | 22 | 34 | 36 | 34 | 25 | | |
| BOONTON 2 SE | MAX | 56 | 60 | 60 | 54 | 57 | 53 | 45 | 42 | 45 | 49 | 55 | 49 | 54 | 55 | 65 | 63 | 65 | 57 | 55 | 55 | 57 | 55 | 55 | 56 | 60 | 54 | 63 | 53 | 61 | 62 | | |
| | MIN | 47 | 36 | 39 | 44 | 40 | 35 | 27 | 20 | 23 | 36 | 33 | 22 | 24 | 27 | 37 | 41 | 45 | 28 | 33 | 32 | 28 | 31 | 35 | 25 | 27 | 26 | 28 | 43 | 46 | 30 | | |
| BURLINGTON | MAX | 64 | 66 | 58 | 60 | 55 | 49 | 44 | 49 | 57 | 57 | 49 | 54 | 57 | 60 | 65 | 72 | 67 | 63 | 58 | 58 | 60 | 65 | 56 | 54 | 55 | 60 | 64 | 64 | 70 | 58 | | |
| | MIN | 45 | 43 | 43 | 44 | 45 | 38 | 33 | 25 | 30 | 46 | 35 | 27 | 28 | 28 | 28 | 32 | 51 | 35 | 35 | 33 | 37 | 46 | 35 | 28 | 37 | 30 | 40 | 42 | 42 | 33 | | |
| CANOE BROOK | MAX | 57 | 63 | 64 | 54 | 57 | 53 | 44 | 43 | 47 | 52 | 54 | 50 | 55 | 56 | 63 | 65 | 67 | 57 | 57 | 57 | 56 | 59 | 64 | 54 | 49 | 54 | 58 | 66 | 62 | 65 | | |
| | MIN | 48 | 35 | 35 | 39 | 33 | 33 | 23 | 18 | 18 | 35 | 30 | 21 | 23 | 31 | 37 | 45 | 51 | 25 | 29 | 24 | 24 | 28 | 34 | 20 | 49 | 54 | 58 | 36 | 46 | 29 | | |
| CAPE MAY 3 W | MAX | 62 | 65 | 63 | 59 | 59 | 59 | 54 | 48 | 60 | 60 | 55 | 51 | 55 | 59 | 61 | 68 | 67 | 61 | 57 | 57 | 57 | 60 | 57 | 54 | 55 | 58 | 64 | 61 | 61 | 59 | | |
| | MIN | 58 | 53 | 51 | 47 | 43 | 42 | 37 | 32 | 45 | 44 | 39 | 31 | 34 | 40 | 48 | 53 | 54 | 36 | 47 | 46 | 47 | 49 | 50 | 35 | 40 | 43 | 51 | 49 | 52 | 36 | | |
| CHARLOTTEBURG | MAX | 55 | 60 | 58 | 52 | 55 | 50 | 44 | 40 | 45 | 49 | 55 | 48 | 52 | 55 | 65 | 64 | 63 | 55 | 56 | 54 | 54 | 56 | 61 | 51 | 48 | 53 | 56 | 63 | 62 | 61 | | |
| | MIN | 45 | 38 | 38 | 42 | 42 | 31 | 25 | 16 | 17 | 34 | 29 | 20 | 21 | 25 | 32 | 42 | 46 | 28 | 28 | 30 | 28 | 34 | 34 | 23 | 25 | 25 | 25 | 43 | 43 | 26 | | |
| CHATSWORTH | MAX | 64 | 67 | 60 | 58 | 55 | | 44 | 49 | 58 | 59 | 55 | 54 | 57 | 65 | 67 | 70 | 68 | 61 | 58 | 58 | 60 | 66 | 56 | 54 | 57 | 60 | 66 | 65 | 68 | 62 | | |
| | MIN | 54 | 37 | 40 | 40 | 42 | | 27 | 19 | 28 | 48 | 31 | 22 | 22 | 31 | 37 | 47 | 42 | 28 | 31 | 27 | 30 | 28 | 37 | 26 | 32 | 24 | 38 | 34 | 52 | 26 | | |
| CLAYTON | MAX | 61 | 65 | 54 | 58 | 50 | 49 | 42 | 45 | 56 | 55 | 44 | 50 | 55 | 62 | 63 | 69 | 65 | 61 | 55 | 56 | 59 | 63 | 59 | 45 | 52 | 57 | 60 | 59 | 65 | 63 | | |
| | MIN | 50 | 41 | 39 | 44 | 43 | 29 | 24 | 18 | 27 | 40 | 25 | 25 | 33 | 40 | 46 | 53 | 41 | 30 | 41 | 32 | 35 | 38 | 33 | 29 | 28 | 29 | 37 | 45 | 52 | 29 | | |
| ELIZABETH | MAX | 64 | 64 | 59 | 61 | 55 | 49 | 46 | 50 | 53 | 55 | 51 | 58 | 57 | 67 | 65 | 69 | 65 | 61 | 63 | 60 | 62 | 61 | 56 | 53 | 55 | 60 | 65 | 64 | 68 | 62 | | |
| | MIN | 49 | 37 | 38 | 39 | 37 | 30 | 25 | 20 | 26 | 40 | 28 | 33 | 35 | 32 | 39 | 40 | 34 | 37 | 34 | 27 | 27 | 35 | 44 | 36 | 32 | 35 | 36 | 38 | 46 | 26 | | |
| ESSEX FELS SERV BLOC | MAX | 64 | 63 | 62 | 54 | 59 | 60 | 59 | 60 | 59 | 57 | 54 | 50 | 55 | 60 | 61 | 60 | 69 | 60 | 61 | 63 | 62 | 60 | 68 | 60 | 57 | 59 | 58 | 60 | 59 | 60 | | |
| | MIN | 52 | 40 | 48 | 47 | 49 | 35 | 26 | 22 | 29 | 40 | 30 | 28 | 30 | 37 | 39 | 40 | 45 | 30 | 31 | 29 | 31 | 32 | 30 | 25 | 27 | 30 | 35 | 44 | 47 | 30 | | |
| FLEMINGTON 1 NE | MAX | 63 | 64 | 54 | 57 | 53 | 49 | 42 | 47 | 54 | 55 | 47 | 54 | 57 | 64 | 53 | 68 | 64 | 60 | 57 | 57 | 60 | 64 | 54 | 53 | 57 | 55 | 69 | 59 | 65 | 62 | | |
| | MIN | 51 | 35 | 35 | 42 | 41 | 32 | 22 | 15 | 20 | 40 | 15 | 18 | 21 | 30 | 39 | 35 | 48 | 24 | 30 | 25 | 25 | 29 | 32 | 18 | 24 | 22 | 29 | 39 | 49 | 26 | | |
| FREEMOLO | MAX | 63 | 65 | 56 | 58 | 54 | 49 | 42 | 49 | 56 | 58 | 54 | 52 | 57 | 63 | 63 | 69 | 64 | 59 | 57 | 57 | 59 | 64 | 54 | 50 | 55 | 58 | 66 | 61 | 69 | 62 | | |
| | MIN | 53 | 43 | 40 | 40 | 43 | 33 | 27 | 23 | 32 | 47 | 31 | 28 | 28 | 38 | 42 | 50 | 46 | 35 | 37 | 30 | 35 | 36 | 42 | 27 | 31 | 33 | 40 | 44 | 51 | 28 | | |
| HAMMONTON 2 NNE | MAX | 62 | 64 | 67 | 57 | 59 | 54 | 50 | 45 | 50 | 59 | 59 | 51 | 49 | 58 | 67 | 67 | 70 | 60 | 64 | 57 | 59 | 60 | 67 | 56 | 56 | 56 | 60 | 66 | 67 | 68 | | |
| | MIN | 56 | 43 | 43 | 40 | 44 | 35 | 32 | 26 | 30 | 41 | 33 | 27 | 28 | 30 | 43 | 45 | 54 | 32 | 38 | 32 | 32 | 38 | 44 | 26 | 35 | 31 | 32 | 39 | 40 | 30 | | |
| HIGH POINT PARK | MAX | 52 | 56 | 52 | 51 | 53 | 50 | 41 | 38 | 41 | 46 | 60 | 56 | 55 | 52 | 63 | 61 | 58 | 59 | 54 | 52 | 58 | 59 | 61 | 58 | 60 | 52 | 55 | 63 | 54 | 58 | | |
| | MIN | 39 | 38 | 34 | 34 | 34 | 27 | 20 | 18 | 26 | 36 | 24 | 24 | 24 | 30 | 44 | 44 | 38 | 31 | 32 | 28 | 29 | 34 | 37 | 28 | 28 | 25 | 36 | 44 | 38 | 20 | | |
| HIGHTSTOWN 1 N | MAX | 64 | 63 | 56 | 57 | 54 | 48 | 43 | 47 | 55 | 55 | 49 | 51 | 54 | 62 | 63 | 69 | 65 | 59 | 57 | 55 | 58 | 62 | 54 | 49 | 53 | 57 | 64 | 62 | 68 | 62 | | |
| | MIN | 54 | 41 | 41 | 40 | 42 | 33 | 28 | 21 | 30 | 46 | 30 | 25 | 25 | 26 | 37 | 43 | 48 | 50 | 31 | 36 | 30 | 35 | 34 | 41 | 25 | 30 | 29 | 40 | 42 | 51 | 29 | |
| INDIAN MILLS 2 W | MAX | 62 | 66 | 55 | 58 | 53 | 49 | 43 | 49 | 58 | 59 | 50 | 53 | 58 | 64 | 65 | 70 | 67 | 61 | 57 | 58 | 59 | 66 | 55 | 53 | 55 | 60 | 65 | 66 | 68 | 57 | | |
| | MIN | 55 | 40 | 40 | 40 | 42 | 34 | 26 | 17 | 29 | 46 | 44 | 32 | 20 | 21 | 31 | 38 | 47 | 39 | 27 | 36 | 26 | 29 | 30 | 39 | 19 | 29 | 25 | 41 | 35 | 52 | 29 | |
| JERSEY CITY | MAX | 60 | 60 | 55 | 57 | 53 | 46 | 41 | 45 | 50 | 51 | 42 | 50 | 52 | 59 | 58 | 67 | 60 | 53 | 56 | 56 | 58 | 60 | 53 | 47 | 52 | 57 | 62 | 57 | 59 | 42 | | |
| | MIN | 53 | 46 | 43 | 41 | 40 | 35 | 31 | 28 | 36 | 39 | 34 | 34 | 37 | 41 | 48 | 48 | 44 | 40 | 40 | 36 | 37 | 45 | 38 | 34 | 34 | 36 | 43 | 48 | 43 | 31 | | |
| LAMBERTVILLE | MAX | 61 | 65 | 56 | 59 | 53 | 48 | 43 | 48 | 55 | 55 | 50 | 55 | 56 | 60 | 62 | 68 | 64 | 62 | 58 | 58 | 60 | 63 | 55 | 50 | 54 | 60 | 66 | 62 | 65 | 58 | | |
| | MIN | 52 | 37 | 38 | 43 | 39 | 31 | 25 | 20 | 28 | 43 | 29 | 24 | 24 | 33 | 40 | 45 | 47 | 28 | 32 | 28 | 31 | 29 | 36 | 21 | 28 | 25 | 35 | 39 | 51 | 31 | | |
| LAURELTON 1 E | MAX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
NOVEMBER 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| RIDGEFIELD | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHILOH | MAX MIN | 61 55 | 65 40 | 57 42 | 60 41 | 55 41 | 50 36 | 43 34 | 48 27 | 58 34 | 58 48 | 50 30 | 55 28 | 57 28 | 64 36 | 64 42 | 70 47 | 65 50 | 62 35 | 58 39 | 60 33 | 61 40 | 62 38 | 55 45 | 51 28 | 55 37 | 60 31 | 65 43 | 64 38 | 64 48 | 61 32 | | 58.6 38.2 |
| SOMERVILLE | MAX MIN | 62 52 | 63 35 | 54 37 | 57 42 | 52 40 | 46 31 | 42 26 | 46 18 | 51 25 | 54 44 | 48 29 | 52 21 | 55 22 | 60 31 | 63 40 | 67 45 | 65 48 | 58 26 | 58 34 | 55 27 | 58 29 | 62 29 | 53 34 | 49 22 | 52 26 | 57 23 | 65 34 | 60 38 | 64 49 | 59 29 | | 56.2 32.9 |
| SUSSEX | MAX MIN | 52 44 | 58 37 | 60 38 | 52 40 | 55 38 | 51 32 | 43 24 | 40 17 | 46 18 | 45 32 | 50 28 | 49 22 | 52 24 | 56 29 | 66 30 | 65 42 | 60 43 | 57 27 | 60 26 | 55 29 | 57 28 | 59 26 | 65 30 | 55 22 | 50 26 | 54 25 | 59 25 | 58 43 | 60 42 | 62 27 | | 55.0 30.5 |
| TOMS RIVER | MAX MIN | 65 54 | 63 40 | 58 40 | 55 38 | 55 43 | 49 32 | 45 26 | 48 18 | 58 28 | 60 46 | 50 35 | 58 32 | 60 34 | 62 33 | 62 38 | 70 48 | 68 50 | 63 29 | 57 38 | 58 30 | 62 32 | 63 30 | 55 39 | 55 20 | 57 21 | 60 25 | 62 40 | 60 40 | 62 50 | 60 30 | | 58.7 35.3 |
| TRENTON WB CITY | MAX MIN | 62 51 | 63 46 | 54 45 | 57 44 | 54 41 | 46 36 | 41 33 | 46 29 | 53 37 | 56 40 | 46 35 | 52 33 | 55 34 | 62 43 | 63 47 | 69 49 | 62 44 | 60 39 | 57 43 | 56 39 | 59 41 | 63 40 | 54 38 | 50 34 | 54 38 | 59 37 | 61 43 | 62 46 | 68 40 | 40 30 | | 56.1 39.8 |
| TUCKERTON | MAX MIN | 62 55 | 65 42 | 57 41 | 60 40 | 55 44 | 50 34 | 45 25 | 48 20 | 60 34 | 60 49 | 49 30 | 55 22 | 57 24 | 60 30 | 64 35 | 72 52 | 63 47 | 58 27 | 60 39 | 59 30 | 60 34 | 62 30 | 57 43 | 48 25 | 56 30 | 60 26 | 66 44 | 64 36 | 62 51 | 61 29 | | 58.5 35.6 |
| WOOSTOWN | MAX MIN | 62 55 | 65 38 | 60 40 | 60 42 | 55 44 | 50 36 | 46 30 | 47 21 | 58 32 | 59 44 | 48 29 | 53 25 | | 64 26 | 65 39 | 70 48 | 67 47 | 62 31 | 59 36 | 57 28 | 60 32 | | 60 32 | 51 23 | 54 36 | 59 29 | 64 40 | 65 38 | 66 51 | 62 31 | | 58.9 35.8 |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|-------------|--------------|--------------|----------|-----------|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|---------|--------|--------|---------|---------|---------|--------|---------|--------|---------|---------|----|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| CANOE BROOK | EVAP WIND | .00 23 | .01 5 | .09 21 | .07 61 | .03 56 | - 20 | - 33 | - 42 | - 20 | - 14 | - 26 | - 14 | - 10 | - 13 | - 7 | - 20 | - 39 | - 44 | - 13 | - 28 | - 7 | - 1 | - 24 | - 10 | - 29 | - 7 | - 22 | - 8 | - 24 | - 81 | | 722 |

DAILY SOIL TEMPERATURES

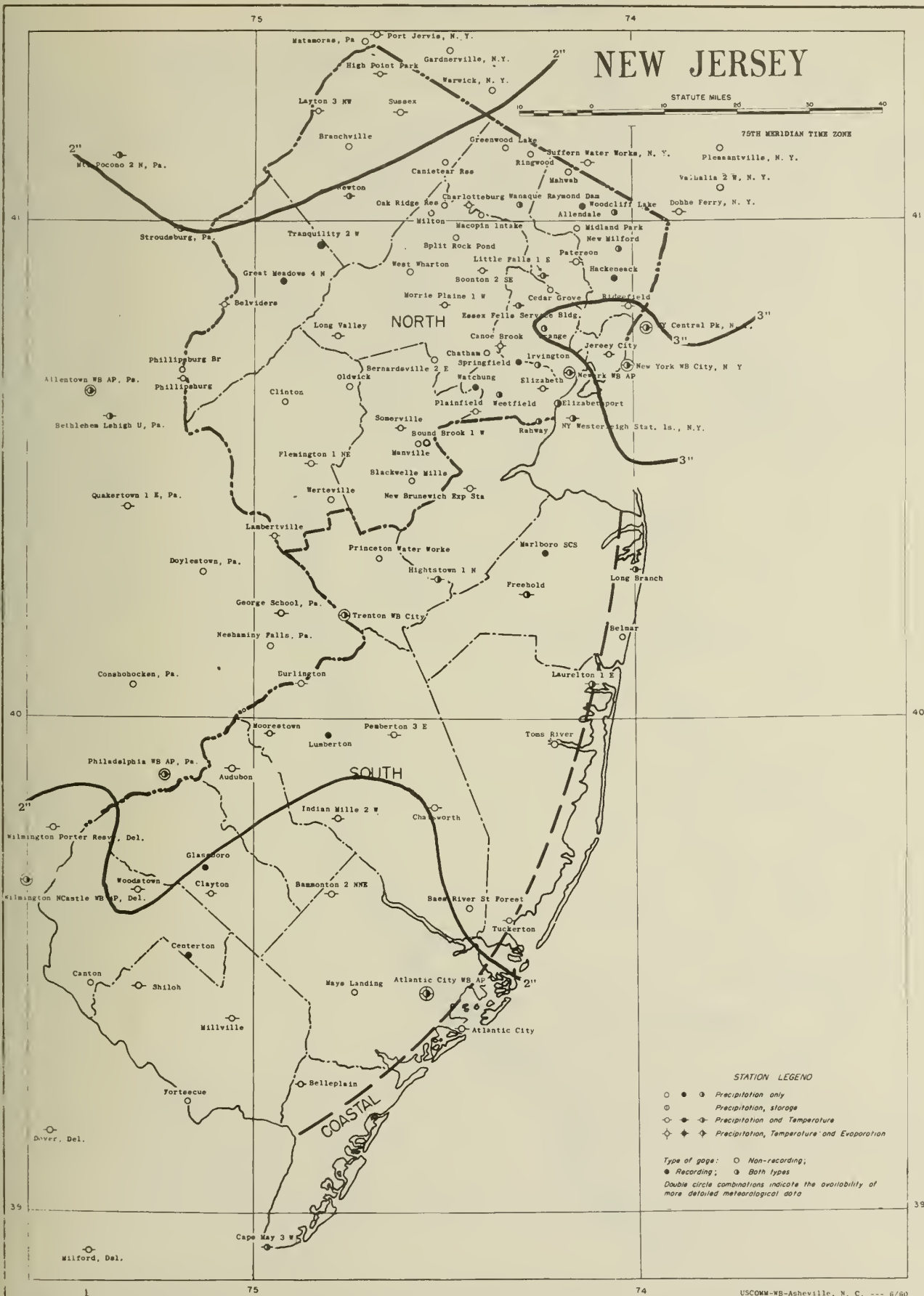
| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 57 | 55 | 51 | 50 | 48 | 43 | 44 | 46 | 49 | 46 | 45 | 45 | 49 | 51 | 53 | 53 | 51 | 48 | 49 | 47 | 47 | 47 | 48 | 44 | 45 | 45 | 50 | 50 | 54 | 51 | 48.6 | |
| | MIN | 54 | 50 | 46 | 45 | 42 | 40 | 36 | 38 | 43 | 39 | 37 | 37 | 40 | 44 | 44 | 47 | 44 | 41 | 43 | 40 | 41 | 41 | 40 | 37 | 39 | 37 | 41 | 44 | 49 | 49 | 42.0 | |
| 2 INCHES | MAX | 56 | 54 | 51 | 50 | 49 | 47 | 45 | 44 | 45 | 48 | 46 | 44 | 44 | 47 | 49 | 51 | 48 | 48 | 46 | 47 | 46 | 48 | 44 | 45 | 44 | 47 | 48 | 51 | 51 | 47.8 | | |
| | MIN | 54 | 51 | 48 | 46 | 47 | 45 | 43 | 40 | 40 | 45 | 40 | 40 | 40 | 42 | 44 | 47 | 46 | 43 | 44 | 43 | 43 | 43 | 42 | 40 | 40 | 39 | 42 | 45 | 48 | 38 | 43.6 | |
| 4 INCHES | MAX | 56 | 54 | 51 | 50 | 49 | 47 | 44 | 44 | 45 | 48 | 46 | 44 | 44 | 47 | 49 | 51 | 51 | 48 | 48 | 46 | 46 | 47 | 48 | 44 | 45 | 44 | 48 | 49 | 52 | 51 | 47.9 | |
| | MIN | 54 | 51 | 47 | 46 | 46 | 44 | 42 | 38 | 40 | 45 | 42 | 42 | 39 | 38 | 41 | 44 | 47 | 45 | 43 | 44 | 41 | 42 | 42 | 42 | 40 | 40 | 38 | 42 | 45 | 48 | 38 | 43.2 |
| 8 INCHES | MAX | 55 | 55 | 53 | 50 | 50 | 49 | 46 | 45 | 45 | 47 | 46 | 45 | 45 | 46 | 48 | 50 | 47 | 47 | 46 | 46 | 48 | 47 | 44 | 45 | 45 | 45 | 47 | 48 | 50 | 50 | 47.8 | |
| | MIN | 53 | 53 | 50 | 49 | 49 | 48 | 46 | 43 | 43 | 46 | 44 | 43 | 43 | 43 | 45 | 48 | 48 | 46 | 46 | 45 | 45 | 44 | 45 | 43 | 42 | 42 | 43 | 46 | 48 | 43 | 45.7 | |
| 12 INCHES | MAX | 55 | 54 | 54 | 51 | 51 | 50 | 49 | 46 | 47 | 47 | 47 | 46 | 45 | 46 | 47 | 50 | 50 | 49 | 48 | 47 | 46 | 46 | 47 | 46 | 45 | 45 | 46 | 47 | 49 | 50 | 48.2 | |
| | MIN | 53 | 54 | 52 | 51 | 50 | 50 | 48 | 46 | 46 | 47 | 47 | 46 | 45 | 45 | 46 | 48 | 49 | 48 | 48 | 47 | 46 | 46 | 47 | 45 | 44 | 44 | 45 | 46 | 48 | 46 | 47.4 | |
| 16 INCHES | MAX | 55 | 54 | 54 | 52 | 52 | 51 | 50 | 48 | 48 | 48 | 48 | 47 | 46 | 46 | 47 | 49 | 50 | 49 | 48 | 48 | 48 | 48 | 48 | 47 | 46 | 45 | 46 | 47 | 49 | 49 | 48.8 | |
| | MIN | 53 | 54 | 53 | 52 | 51 | 51 | 49 | 48 | 47 | 47 | 47 | 46 | 46 | 46 | 47 | 48 | 49 | 49 | 48 | 48 | 48 | 48 | 47 | 46 | 45 | 45 | 45 | 47 | 48 | 47 | 48.2 | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 59 | 56 | 51 | 50 | 48 | 47 | 42 | 43 | 45 | 50 | 47 | 47 | 47 | 47 | 51 | 53 | 55 | 52 | 49 | 50 | 47 | 48 | 44 | 47 | 44 | 46 | 46 | 53 | 50 | 56 | 49 | 49.3 |
| | MIN | 45 | 41 | 40 | 42 | 37 | 34 | 32 | 33 | 39 | 39 | 35 | 33 | 33 | 38 | 43 | 45 | 41 | 37 | 40 | 35 | 37 | 37 | 36 | 33 | 36 | 33 | 39 | 43 | 49 | 33 | 38.5 | |
| 2 INCHES | MAX | 59 | 54 | 51 | 50 | 48 | 46 | 41 | 43 | 45 | 50 | 47 | 47 | 47 | 51 | 53 | 55 | 52 | 49 | 50 | 47 | 48 | 49 | 47 | 44 | 46 | 46 | 53 | 50 | 56 | 48 | 49.1 | |
| | MIN | 53 | 45 | 41 | 40 | 42 | 37 | 34 | 32 | 33 | 39 | 39 | 35 | 33 | 37 | 38 | 43 | 45 | 41 | 37 | 40 | 35 | 37 | 37 | 36 | 33 | 36 | 33 | 40 | 43 | 48 | 33 | 38.4 |
| 4 INCHES | MAX | 58 | 54 | 51 | 50 | 48 | 46 | 42 | 44 | 49 | 46 | 45 | 45 | 49 | 51 | 54 | 54 | 51 | 48 | 49 | 46 | 47 | 48 | 47 | 43 | 45 | 45 | 50 | 49 | 55 | 49 | 48.2 | |
| | MIN | 55 | 47 | 43 | 41 | 43 | 39 | 36 | 33 | 34 | 41 | 37 | 35 | 35 | 39 | 43 | 45 | 43 | 39 | 41 | 36 | 38 | 38 | 39 | 35 | 37 | 35 | 40 | 43 | 49 | 35 | 39.8 | |
| 8 INCHES | MAX | 55 | 54 | 51 | 49 | 48 | 46 | 43 | 41 | 43 | 47 | 45 | 44 | 44 | 46 | 49 | 51 | 51 | 47 | 48 | 45 | 46 | 46 | 46 | 42 | 44 | 43 | 47 | 48 | 52 | 48 | 47.0 | |
| | MIN | 55 | 51 | 47 | 45 | 45 | 44 | 41 | 38 | 38 | 45 | 41 | 40 | 39 | 41 | 45 | 47 | 47 | 43 | 45 | 41 | 42 | 42 | 43 | 40 | 41 | 38 | 42 | 45 | 48 | 39 | 43.4 | |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-Constantan Thermocouples connected to a Brown Electronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with Copper-Constantan Thermocouples.

TOTAL PRECIPITATION

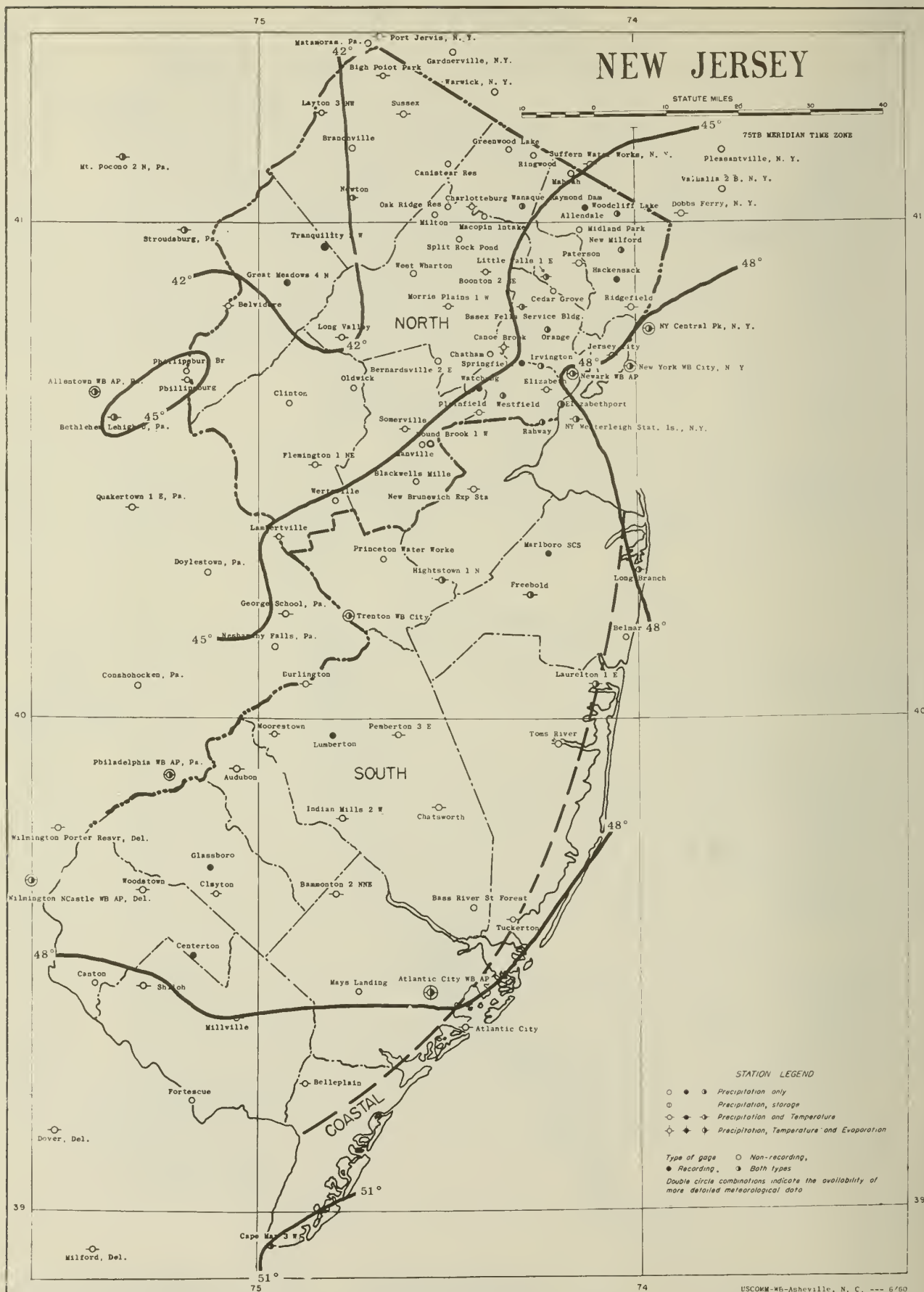
NEW JERSEY
NOVEMBER 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
NOVEMBER 1960



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
NOVEMBER 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE I | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | | | | |
|-----------------------|-----------|------------|------------|----------|-----------|-----------|-----------------------------|---------|-------|------------------|----------|---------------------------------|-------------------------|--|--|--|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL USE CODE | | | | | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | | | | | | |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | MID | 7P | C | H | BERGEN COUNTY ENGINEERS | | | | |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | | | | U.S. WEATHER BUREAU | | | | |
| 0346 CANOE BROOK | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | | STATE MARINA | | | | |
| BASS RIVER SI FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | 6P | | | | | N.J. FORESTRY SERVICE | | | | |
| BELLEPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | 5P | | | | MRS. ED C. HOFFMAN | | | | |
| BLMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | | DELMAR WATER WORKS | | | | |
| BOONTON | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | | CLEMENT HAUT | | | | |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | | BERNARDS WATER COMPANY | | | | |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | HENRY N. MILLER | | | | |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | | JERSEY CITY WATER WORKS | | | | |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMID CO. | | | | |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | | ALBERT M. DAVENPORT | | | | |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | | PUBLIC SVC. L. & G. CO. | | | | |
| CANISTAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT | | | | |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. | | | | |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | | GERTRUDE S. WILLIS | | | | |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | 5P | | | | C. N. WEST MAGNESITE CO. | | | | |
| CEDAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | | J. A. PLUNKETT | | | | |
| CERTERTON | 1512 | SALEM | 6 | 39 33 | 75 10 | 60 | | | | | | C. JOHN HOPKINS UNL. | | | | |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | | NEWARK WATER DEPT. | | | | |
| CHAINHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. NOLITOR | | | | |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | | EARL N. KERCHNER | | | | |
| CLAYTON | 1709 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | | H. HARRY P. CAMPBELL | | | | |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | | L. W. KLOCKNER | | | | |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | 5P | | | | UNION CO. PARK COMM. | | | | |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | | C. SEWAGE TREATMENT PLANT | | | | |
| ESSER FELS SERV BLOG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | | BOROUGH ESSER FELS | | | | |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | | H. DONALD YOUNG | | | | |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOPER | | | | |
| FREEHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | | C. H. FRANK J. MOREAU | | | | |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | | | C. PROF. J. B. SANGREE | | | | |
| GREAT MEADOWS & N | 3416 | WARREN | 2 | 40 56 | 74 55 | 940 | | | | | | C. GAMMA CHEMICAL CORP. | | | | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | | GEORGE T. WIGGINS | | | | |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | | C. BERGEN COUNTY ENGINEERS | | | | |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST | | | | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | | C. N. J. DEPT. OF CONS. | | | | |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | | C. H. JAMES R. PICKERING | | | | |
| INDIAN MILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | | H. EDWARD ENTWISTLE | | | | |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | NID | | | | | C. JOINT MEETING GARAGE | | | | |
| JERSEY CITY | 4339 | HUSSON | 1 | 40 46 | 74 04 | 135 | MID | MID | | | | JERSEY CITY WATER DEPT. | | | | |
| LANDEVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | H. E. E. CASE | | | | |
| LAURELTON 1 E | 4700 | OCLEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | | C. H. GEORGE G. WADILL | | | | |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | | H. A. M. DEPU | | | | |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 577 | 9A | 9A | | | | C. H. PASSAIC VLY. WTR. COMM. | | | | |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 73 59 | 36 | NID | MID | | | | C. H. J. WILLIAM G. MARTIN, JR. | | | | |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | | H. ARTHUR BARKMAN | | | | |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 46 | 25 | | | | | | C. JAMES LAWTON | | | | |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | | NEWARK WATER DEPT. | | | | |
| MAHAW | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW | | | | |
| MARVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | | | C. JOHN L. RADCLIFFE | | | | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | | C. GERON BRILL | | | | |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | | H. ELMER EARLE | | | | |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | | | C. RIDGEWOOD WATER CO. | | | | |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | | C. H. L. J. GALLAHER | | | | |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MID | | | | | H. FED. AVIATION AGENCY | | | | |
| MILTON | 5597 | NORRIS | 8 | 41 01 | 74 52 | 950 | 7A | | | | | | JERSEY CITY WATER WKS. | | | |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | NID | 8A | | | | H. H. J. WILLARD | | | | |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | | H. JAMES C. LONG | | | | |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | NID | | | | C. H. J. U.S. WEATHER BUREAU | | | | |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 96 | 5P | 5P | | | | GH. ARTHUR H. AHLQUIST | | | | |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | | NID | | | | C. HACKENSACK WATER CO. | | | | |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | | H. NEWTON WTR. & SWR. COMM. | | | | |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | | H. NEWARK WATER DEPT. | | | | |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | | | DAN A. COUGHLIN | | | |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | | | C. COUNTY ENGINEER | | | | |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 8A | | | | H. P. J. DEL VECCHIO | | | | |
| PENBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 5P | 5P | | | | H. PHILIP E. MARUCCI | | | | |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | | H. SEWAGE DISPOSAL PLANT | | | | |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | | | JOINT TOLL BRIDGE COMM. | | | |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 6P | 6P | | | | H. HRS VIVIAN SCHERER | | | | |
| PRINCETON WATER WORKS | 7326 | MERCER | 10 | 40 19 | 74 40 | 90 | MID | | | | | C. PRINCETON WATER CO. | | | | |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 45 | 20 | MID | | | | | C. H. RAHWAY VLY. SWG. AUTH. | | | | |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | | | | | H. GEORGE P. RIRSTEN | | | | |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | | C. NO. JERSEY WTR. SUPPLY | | | | |
| SCHOOLEYS MOUNTAIN | 7898 | MORRIS | 10 | 40 48 | 74 48 | 1000 | 8A | | | | | | JOHN VANSTONE | | | |
| SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | | | EVERETT DICKINSON | | | |
| SOMERVILLE | 9194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | | H. W. E. HAYER | | | | |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | | | JERSEY CITY O. P. & W. | | | |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | | C. N. J. DEPT. OF CONS. | | | | |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | | BRICE B. STANTON | | | |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | | | TOMS RIVER WATER CO. | | | |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 951 | | | | | | C. H. H. J. ERVEY | | | | |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | | | C. H. J. U.S. WEATHER BUREAU | | | | |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | | | REV. WALTER T. GANDEK | | | |
| WANAGUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | | | C. H. WATER SUPPLY COMM. | | | | |
| WATCHUNG | 9271 | UNION | 8 | 40 49 | 74 25 | - | | | | | | C. BONNIE BURN SANITARIUM | | | | |
| WEETSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 49 | 160 | 7A | | | | | C. ROBERT N. MANNERS | | | | |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | MID | | | | | | CITY ENGINEER | | | |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | | | N. J. POWER & LIGHT CO. | | | |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | | C. HACKENSACK WATER CO. | | | | |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | | | CREAM VALLEY DAIRY | | | |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUSSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 1/4/61 --- 800

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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

DECEMBER 1960

Volume 65 No. 12



ASHEVILLE: 1961

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NEW JERSEY - DECEMBER 1960

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 67° on the 6th at Pemberton 3 E and on the 7th at Little Falls 1 E

Lowest Temperature: -13 on the 28+ at Layton 3 NW and on the 23rd at Long Valley

Greatest Total Precipitation: 7.09 inches at Burlington

Least Total Precipitation: 0.82 inch at High Point Park

Greatest One-Day Precipitation: 3.00 inches on the 12th at Burlington

Greatest Reported Total Snowfall: 31.0 inches at Flemington 1 NE

Greatest Reported Depth of Snow on Ground: 21 inches on the 14+ at Flemington 1 NE and on the 12th at Rahway

SPECIAL WEATHER SUMMARY

The snowstorm of December 11th and 12th brought from 7 to 21 inches of snow to New Jersey, with winds from 28 to 55 mph. This was the greatest statewide snowstorm so early in the season. In some localities it was the greatest snowfall of record for any month during a period of 24 hours or less. Persistently strong winds caused much drifting of the snow, prolonging the paralysis of all forms of traffic. Bitterly cold weather followed the snowstorm. A total of 52 deaths was attributed to the storm. Most of these were due to exposure,

exhaustion, and heart attacks from over-exertion. Only one traffic fatality was reported during the storm, although a few traffic fatalities resulted from accidents on icy roads after the storm. Pre-Christmas shopping was halted, banks, stores, and industrial plants were closed. Some schools remained closed for the entire week.

Donald V. Dunlap
Weather Bureau State Climatologist
c/o General Delivery
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
DECEMBER 1960

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|------------------------|--|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|-------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 90° or Above | 32° or Below | 72° or Below | 70° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 35.7 | 12.2 | 24.0 | - 8.0 | 60 | 6 | - 8 | 23 | 1266 | 0 | 11 | 31 | 4 | 2.44 | - 1.20 | .92 | 21 | 17.1 | 11 | 12 | 4 | 2 | 0 |
| BOONTON 2 SE | | 35.4 | 14.4 | 24.9 | - 6.7 | 61 | 7+ | 0 | 29+ | 1236 | 0 | 15 | 29 | 4 | 2.37 | -.87 | .74 | 12 | | | | 4 | 2 | 0 |
| CANOE BROOK | | 36.5 | 10.7 | 23.6 | - 7.7 | 66 | 7 | - 10 | 20 | 1274 | 0 | 13 | 30 | 8 | 2.84 | -.68 | 1.00 | 12 | 23.2 | 17 | 14+ | 6 | 2 | 1 |
| CHARLOTTEBURG | | 34.4 | 10.8 | 22.6 | - 8.5 | 65 | 7 | - 9 | 24+ | 1307 | 0 | 16 | 31 | 6 | 2.84 | - 1.11 | 1.09 | 12 | 23.0 | 15 | 14+ | 5 | 2 | 1 |
| ELIZABETH | | 39.1 | 14.4 | 26.8 | - 8.0 | 66 | 5 | 0 | 24+ | 1179 | 0 | 7 | 30 | 3 | 5.17 | 1.75 | 2.23 | 12 | 19.9 | 16 | 12 | 7 | 3 | 2 |
| ESSEX FIELDS SERV BLDG | | 37.0 | 16.0 | 26.5 | | 60 | 6 | 2 | 28 | 1187 | 0 | 11 | 30 | 0 | | | 2.20 | 12 | | | | | | |
| FLEMINGTON 1 NE | | 36.7 | 13.7 | 25.2 | - 8.3 | 65 | 6 | - 6 | 23 | 1226 | 0 | 9 | 30 | 6 | 2.46 | -.89 | .90 | 21 | 31.0 | 21 | 14+ | 5 | 3 | 0 |
| HIGH POINT PARK | | 32.1 | 11.8 | 22.0 | | 60 | 7 | - 5 | 24 | 1327 | 0 | 16 | 30 | 6 | .82 | | .30 | 12 | | | | 3 | 0 | 0 |
| JERSEY CITY | | 35.5 | 21.3 | 28.4 | - 5.2 | 60 | 5 | 6 | 13 | 1124 | 0 | 13 | 28 | 0 | 3.22 | -.04 | 1.27 | 21 | | | | 5 | 3 | 2 |
| LAMBERTVILLE | | 37.7 | 16.0 | 26.9 | - 6.8 | 62 | 6 | - 3 | 23 | 1174 | 0 | 11 | 30 | 3 | 2.50 | -.65 | .90 | 12 | 21.5 | 17 | 13+ | 4 | 3 | 0 |
| LAYTON 3 NW | | 35.1 | 9.7 | 22.4 | - 6.4 | 54 | 5 | - 13 | 28+ | 1313 | 0 | 14 | 30 | 11 | 2.04 | -.70 | .96 | 21 | 21.6 | 13 | 15+ | 3 | 2 | 0 |
| LITTLE FALLS 1 E | | 39.0 | 16.2 | 27.6 | - 6.0 | 67 | 7 | 0 | 23 | 1154 | 0 | 10 | 30 | 1 | 3.23 | -.55 | 1.24 | 12 | 20.4 | 14 | 13 | 6 | 2 | 2 |
| LONG VALLEY | | 36.6 | 10.8 | 23.7 | | 64 | 6 | - 13 | 23 | 1272 | 0 | 10 | 30 | 7 | 3.20 | -.36 | 1.10 | 21 | 21.0 | | | 6 | 3 | 1 |
| MORRIS PLAINS | | 36.4 | 13.9 | 25.2 | | 64 | 7 | - 5 | 23 | 1229 | 0 | 14 | 31 | 3 | 2.91 | | 1.02 | 12 | 27.0 | | | 4 | 2 | 1 |
| NEWARK WB AIRPORT | | R 38.3 | 21.6 | 30.0 | - 4.0 | 65 | 6 | 8 | 13 | 1079 | 0 | 9 | 28 | 0 | 3.89 | -.79 | 1.51 | 12 | 24.0 | 19 | 13 | 6 | 3 | 2 |
| NEWTON | | 33.1 | 9.3 | 21.2 | - 8.7 | 61 | 7 | - 11 | 23 | 1353 | 0 | 17 | 31 | 7 | 2.05 | - 1.08 | .33 | 30 | 18.0 | | | 5 | 2 | 0 |
| PATERSON | | 37.0 | 19.6 | 28.3 | - 5.8 | 63 | 5 | 6 | 24+ | 1130 | 0 | 13 | 28 | 0 | 4.21 | -.53 | 1.86 | 12 | 22.5 | 20 | 13+ | 5 | 3 | 2 |
| PHILLIPSBURG | | 37.3 | 16.0 | 26.7 | - 5.8 | 61 | 5 | - 2 | 23 | 1181 | 0 | 10 | 30 | 1 | 2.31 | - 1.26 | .89 | 12 | 14.0 | 11 | 13+ | 4 | 2 | 0 |
| PLAINFIELD | | 37.5 | 17.7 | 27.6 | - 6.5 | 65 | 6 | 0 | 23 | 1151 | 0 | 11 | 28 | 1 | 3.83 | -.40 | | | 25.0 | 20 | 13+ | | | |
| SOMERVILLE | | 36.4 | 14.9 | 25.7 | - 7.5 | 63 | 6 | - 4 | 23+ | 1214 | 0 | 10 | 30 | 5 | 2.88 | -.35 | .90 | 12 | 17.3 | | | 7 | 3 | 0 |
| SUSSEX | | 33.3 | 9.9 | 21.6 | - 9.0 | 59 | 7 | - 10 | 24 | 1337 | 0 | 16 | 31 | 6 | 1.94 | - 1.48 | .75 | 12 | 12.0 | 12 | 16+ | 4 | 1 | 0 |
| DIVISION | | | | 25.3 | - 7.2 | | | | | | | | | | 2.86 | -.61 | | | 21.1 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 40.4 | 19.8 | 30.1 | - 6.6 | 65 | 6 | 6 | 23 | 1074 | 0 | 6 | 28 | 0 | 3.46 | .38 | 1.02 | 11 | 8.6 | 7 | 12 | 6 | 4 | 1 |
| AUDUBON | | 38.9 | 19.4 | 29.2 | | 64 | 6 | 4 | 23 | 1104 | 0 | 8 | 29 | 0 | 3.48 | | 1.00 | 12 | 20.5 | 17 | 12 | 5 | 4 | 1 |
| BURLINGTON | | 39.1 | 19.8 | 29.5 | - 6.5 | 64 | 6 | 7 | 23+ | 1095 | 0 | 9 | 28 | 0 | 4.09 | 1.15 | .73 | 21 | | | | 7 | 4 | 0 |
| CHATSWORTH | | 40.1 | 16.5 | 28.3 | | 65 | 6 | - 1 | 20 | 1131 | 0 | 6 | 29 | 2 | 3.63 | | 1.35 | 21+ | 13.5 | | | | | |
| CLAYTON | | 36.5 | 17.8 | 27.2 | | 61 | 5 | - 2 | 22 | 1165 | 0 | 12 | 31 | 1 | 3.55 | | 1.10 | 12 | 14.0 | 14 | 13+ | 7 | 2 | 1 |
| FREEHOLD | | 37.5 | 19.4 | 28.5 | - 6.2 | 65 | 6 | 4 | 23+ | 1126 | 0 | 9 | 28 | 0 | 3.79 | -.41 | | | 15.9 | 15 | 12 | | | |
| HAMMONTON 2 NNE | | 39.3M | 17.5M | 28.4M | - 7.7 | 65 | 7 | 2 | 19 | 1125 | 0 | 9 | 27 | 0 | 2.73 | -.39 | .91 | 21 | | | | 6 | 2 | 0 |
| HIGHTSTOWN 1 N | | 36.6 | 18.2 | 27.4 | - 6.9 | 61 | 6 | 3 | 23 | 1156 | 0 | 11 | 29 | 0 | 3.60 | .68 | | | 21.3 | 18 | 14+ | | | |
| INDIAN HILLS 2 W | | 38.7 | 15.9 | 27.3 | - 7.7 | 65 | 6 | - 3 | 23 | 1161 | 0 | 8 | 29 | 3 | 3.18 | .06 | 1.05 | 12 | 15.5 | 13 | 12 | | | |
| MILLVILLE | | 40.0 | 18.6 | 29.3 | | 64 | 7 | 6 | 23 | 1098 | 0 | 6 | 29 | 0 | 3.11 | | .98 | 21 | | | | 4 | 4 | 0 |
| MILLVILLE FAA AIRPORT | | 39.0 | 18.0 | 28.5 | | 63 | 6 | 4 | 23 | 1125 | 0 | 6 | 30 | 0 | 2.83 | | .77 | 21 | 15.0 | 10 | 13+ | 6 | 4 | 0 |
| MOORESTOWN | | 37.6 | 18.0 | 27.8 | - 7.0 | 63 | 6 | 3 | 23 | 1149 | 0 | 8 | 29 | 0 | 2.58 | -.17 | 1.43 | 12 | 19.0 | 15 | 13 | 6 | 2 | 1 |
| NEW BRUNSWICK EXP STA | | 37.7 | 18.3 | 28.0 | - 6.2 | 61 | 6 | 1 | 23 | 1138 | 0 | 9 | 29 | 0 | 2.41 | -.65 | .95 | 21 | 20.3 | 15 | 13+ | 4 | 2 | 0 |
| PEMBERTON 3 E | | 39.1 | 16.8 | 28.0 | - 7.7 | 67 | 6 | - 2 | 20 | 1141 | 0 | 6 | 30 | 2 | 3.42 | .51 | 1.46 | 12 | 16.6 | 16 | 12 | 4 | 3 | 2 |
| SHILOH | | 39.0 | 21.1 | 30.1 | - 6.0 | 63 | 6 | 7 | 24+ | 1076 | 0 | 8 | 28 | 0 | 1.71 | - 1.41 | .56 | 21 | | | | 5 | 2 | 0 |
| TOMS RIVER | | 39.9M | 20.9M | 30.4M | | 60 | 6+ | 6 | 13 | 1065 | 0 | 5 | 30 | 0 | 2.42 | | 1.05 | 21 | 10.5 | | | 5 | 2 | 1 |
| TRENTON WB CITY | | R 37.0 | 21.4 | 29.2 | - 5.8 | 62 | 6 | 9 | 24+ | 1104 | 0 | 10 | 28 | 0 | 3.47 | .69 | 1.16 | 12 | 21.5 | 15 | 13+ | 5 | 4 | 1 |
| TUCKERTON | | 40.6 | 17.7 | 29.2 | | 62 | 6 | - 2 | 23 | 1102 | 0 | 5 | 29 | 1 | 2.25 | | 1.00 | 21 | 7.5 | | | 5 | 1 | 1 |
| WOODSTOWN | | 39.1 | 18.3 | 28.7 | | 64 | 6 | 1 | 20 | 1119 | 0 | 6 | 30 | 0 | 3.01 | | 1.05 | 12 | 13.0 | 13 | 15+ | 4 | 3 | 1 |
| DIVISION | | | | 28.7 | - 6.5 | | | | | | | | | | 3.09 | -.07 | | | 15.5 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | R 40.6 | 23.9 | 32.3 | - 5.9 | 60 | 5 | 11 | 24+ | 1007 | 0 | 5 | 27 | 0 | 3.64 | .33 | 1.05 | 11 | | | | 6 | 4 | 1 |
| CAPE MAY 3 W | | 42.7M | 27.2M | 35.0M | | 58 | 7+ | 11 | 24 | 921 | 0 | 3 | 22 | 0 | | | | | | | | | | |
| LONG BRANCH | | R 38.0 | 20.9 | 29.5 | - 5.7 | 65 | 6 | 8 | 24+ | 1095 | 0 | 9 | 28 | 0 | 3.62 | .08 | 1.14 | 21 | 16.4 | 14 | 14+ | 5 | 4 | 1 |
| DIVISION | | | | 32.3 | - 4.6 | | | | | | | | | | 3.63 | .42 | | | 16.4 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|--------------------------|----------------|---------------------------------|--------------------|--------------|---------------------------|----------------------|--------------------------------------|------------|------------|------------|-----------------------------------|-------|-------|-------|---------|--------------|-------|------------------------------|-------------------------------------|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | W | 20 | 13.4 | 55 | N | 12 | 72 | 74 | 55 | 66 | 6 | 0 | 2 | 3 | 1 | 0 | 12 | 59 | 4.6 |
| ATLANTIC CITY | - | - | 13.9 | 50 | N | 12 | - | - | - | - | - | 1 | 2 | 3 | 1 | 0 | - | - | - |
| LONG BRANCH | NW | 12 | 12.1 | 64 | NE | 12 | - | 70 | 63 | 62 | 3 | 2 | 1 | 3 | 1 | 0 | 10 | 64 | 4.0 |
| NEWARK WB AIRPORT | SW | 19 | 9.0 | 28++ | NNW | 13+ | 63 | 66 | 51 | 56 | 5 | 2 | 3 | 1 | 2 | 0 | 13 | - | 5.2 |
| TRENTON WB CITY | - | - | 8.8 | 34 | NE | 12 | - | - | - | - | 1 | 5 | 1 | 3 | 1 | 0 | 11 | 67 | 5.0 |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | |

DAILY PRECIPITATION

NEW JERSEY
OCTOBER 1960

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|--------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AP | 3.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 3.64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AUDUBON | 3.48 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BASS RIVER ST FOREST | D3.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 2.44 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BERNARDSVILLE 2 E | 3.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLACKWELLS MILLS | 1.96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOONTON 2 SE | 2.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BOUNO BROOK 1 W | 2.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BRANCHVILLE | 2.19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BURLINGTON | D4.D9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANISTEAR RESERVOIR | 2.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANOE BROOK | 2.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CANTON | D2.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CAPE MAY 3 W | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CEGAR GROVE | 3.70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | 2.84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHATHAM | 3.86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHATSORTH | D3.63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAYTON | 3.55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLINTON | 2.75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ELIZABETH | 5.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ELIZABETHPORT | 2.74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELS SERV BLDG | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | 2.46 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FORTESCUE | 2.65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRESHOLD | 3.79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GREENWOOD LAKE | 2.99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | 2.73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGH POINT PARK | .02 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | 3.60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| INOIAN MILLS 2 W | 3.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IRVINGTON | 3.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 3.22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LANBERTVILLE | 2.50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | 2.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS 1 E | 3.23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH | 3.62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | D3.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAHWAH | 2.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAYVILLE | D3.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAYS LANDING | 4.68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MIDLAND PARK | 2.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | 3.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | 2.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MILTON | 2.90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | 2.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS | 2.91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | 3.89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | 2.41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW MILFORD | 2.69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | 2.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OAK RIDGE RESERVOIR | 3.11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OLDWICK | 3.08 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ORANGE | 2.37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PATERSON | 4.21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | 3.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHILLIPSBURG | 2.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PHILLIPSBURG BRIDGE | 2.35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | 3.83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PRINCETON WATER WORKS | 3.05 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RAHWAY | 1.92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RINGWOOD | 3.04 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SMILOH | 1.71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | 2.88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SPLIT ROCK POND | 2.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUSSEX | 1.94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TONS RIVER | 2.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | 3.47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUCKERTON | D2.25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND OAN | 3.07 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WERTSVILLE | 3.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST WHARTON | 2.49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODCLIFF LAKE | 3.15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | 3.01 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
DECEMBER 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|----|------|---------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| ATLANTIC CITY WB AP | MAX | 36 | 41 | 47 | 54 | 60 | 65 | 53 | 41 | 31 | 43 | 36 | 34 | 17 | 28 | 43 | 40 | 37 | 35 | 38 | 40 | 49 | 27 | 27 | 29 | 46 | 49 | 45 | 34 | 42 | 40 | 44 | 40.4 | |
| | MIN | 25 | 19 | 24 | 22 | 39 | 33 | 33 | 24 | 15 | 20 | 27 | 11 | 9 | 10 | 9 | 28 | 18 | 12 | 12 | 13 | 27 | 10 | 6 | 8 | 23 | 30 | 19 | 11 | 27 | 28 | 22 | 19.8 | |
| ATLANTIC CITY | MAX | 36 | 41 | 50 | 55 | 60 | 56 | 54 | 42 | 30 | 44 | 37 | 38 | 18 | 29 | 45 | 43 | 36 | 35 | 39 | 41 | 50 | 27 | 26 | 35 | 40 | 47 | 43 | 34 | 44 | 41 | 42 | 40.6 | |
| | MIN | 26 | 22 | 29 | 30 | 41 | 41 | 33 | 25 | 17 | 28 | 30 | 12 | 11 | 17 | 21 | 28 | 22 | 21 | 23 | 18 | 27 | 15 | 12 | 11 | 26 | 38 | 19 | 14 | 29 | 29 | 27 | 23.9 | |
| AUGUBON | MAX | 36 | 42 | 48 | 56 | 62 | 64 | 54 | 42 | 31 | 44 | 38 | 24 | 19 | 28 | 35 | 41 | 36 | 37 | 33 | 35 | 48 | 31 | 26 | 27 | 40 | 44 | 42 | 30 | 34 | 38 | 42 | 38.9 | |
| | MIN | 26 | 27 | 28 | 24 | 31 | 34 | 36 | 25 | 15 | 22 | 20 | 13 | 8 | 13 | 10 | 30 | 18 | 13 | 11 | 12 | 24 | 10 | 4 | 8 | 18 | 21 | 19 | 10 | 23 | 26 | 21 | 19.4 | |
| BELVIOERE | MAX | 35 | 43 | 46 | 52 | 58 | 60 | 50 | 39 | 30 | 40 | 33 | 23 | 20 | 28 | 30 | 42 | 36 | 34 | 28 | 27 | 37 | 35 | 22 | 18 | 35 | 39 | 40 | 23 | 25 | 40 | 40 | 35.7 | |
| | MIN | 25 | 20 | 23 | 16 | 32 | 25 | 24 | 27 | 10 | 18 | 14 | 11 | 5 | 6 | 2 | 25 | 13 | 3 | 1 | -5 | 20 | 9 | -8 | -2 | 15 | 7 | 21 | -5 | 9 | 12 | 6 | 12.2 | |
| BOONTON 2 SE | MAX | 36 | 34 | 42 | 46 | 56 | 61 | 61 | 50 | 37 | 29 | 38 | 21 | 22 | 19 | 28 | 32 | 39 | 31 | 32 | 28 | 40 | 44 | 22 | 20 | 27 | 38 | 40 | 32 | 23 | 32 | 38 | 35.4 | |
| | MIN | 29 | 24 | 27 | 21 | 22 | 30 | 33 | 33 | 15 | 15 | 18 | 15 | 6 | 8 | 5 | 9 | 21 | 5 | 5 | 5 | 6 | 16 | 0 | 0 | 8 | 17 | 19 | 0 | 0 | 17 | 16 | 14.4 | |
| BURLINGTON | MAX | 40 | 46 | 49 | 56 | 61 | 64 | 54 | 42 | 32 | 42 | 42 | 22 | 21 | 22 | 35 | 46 | 38 | 32 | 32 | 35 | 47 | 36 | 26 | 24 | 41 | 44 | 41 | 29 | 34 | 39 | 40 | 39.1 | |
| | MIN | 25 | 25 | 28 | 26 | 40 | 32 | 34 | 26 | 15 | 15 | 22 | 16 | 10 | 12 | 7 | 34 | 19 | 8 | 10 | 13 | 25 | 18 | 7 | 9 | 14 | 17 | 26 | 9 | 24 | 30 | 18 | 19.8 | |
| CANOE BROOK | MAX | 36 | 34 | 43 | 44 | 54 | 60 | 66 | 50 | 38 | 29 | 39 | 28 | 22 | 20 | 28 | 30 | 41 | 37 | 35 | 28 | 46 | 46 | 23 | 21 | 28 | 39 | 42 | 32 | 22 | 32 | 39 | 36.5 | |
| | MIN | 28 | 23 | 22 | 18 | 18 | 25 | 31 | 33 | 13 | 15 | 19 | 12 | 6 | 9 | -1 | 6 | 18 | -5 | -3 | -10 | -5 | 13 | -7 | -2 | 9 | 12 | 20 | -3 | 2 | 9 | 8 | 10.7 | |
| CAPE MAY 3 W | MAX | 39 | 39 | 46 | 58 | 58 | 54 | 58 | 53 | 38 | 46 | 44 | 34 | 23 | 30 | 47 | 42 | 40 | 39 | 50 | 47 | 28 | 33 | 41 | 47 | 46 | 34 | 43 | 43 | 37 | 44 | 42.7 | | |
| | MIN | 34 | 29 | 37 | 39 | 35 | 45 | 35 | 36 | 20 | 29 | 29 | 23 | 13 | 20 | 17 | 35 | 27 | 21 | 30 | 21 | 15 | 11 | 11 | 25 | 32 | 33 | 13 | 28 | 32 | 25 | 27.2 | | |
| CHARLOTTEBURG | MAX | 34 | 32 | 40 | 47 | 53 | 58 | 65 | 47 | 35 | 28 | 38 | 20 | 18 | 18 | 27 | 32 | 38 | 29 | 30 | 28 | 35 | 42 | 22 | 18 | 27 | 37 | 44 | 29 | 24 | 32 | 38 | 34.4 | |
| | MIN | 26 | 20 | 23 | 19 | 23 | 27 | 29 | 29 | 11 | 10 | 14 | 13 | 3 | 4 | 2 | 2 | 17 | -2 | -1 | 3 | 11 | 13 | -9 | -9 | 5 | 12 | 12 | -2 | -3 | 17 | 15 | 10.8 | |
| CHATSWORTH | MAX | 37 | 41 | 46 | 55 | 60 | 65 | 57 | 41 | 35 | 43 | 39 | 32 | 20 | 28 | 42 | 41 | 39 | 35 | 36 | 33 | 48 | 34 | 26 | 26 | 43 | 46 | 42 | 32 | 38 | 40 | 42 | 40.1 | |
| | MIN | 21 | 15 | 24 | 18 | 27 | 28 | 33 | 26 | 12 | 21 | 23 | 20 | 7 | 10 | 1 | 33 | 17 | 2 | 3 | -1 | 18 | 15 | 0 | 4 | 12 | 19 | 28 | 6 | 19 | 31 | 19 | 16.5 | |
| CLAYTON | MAX | 39 | 40 | 46 | 52 | 61 | 60 | 54 | 41 | 31 | 38 | 33 | 27 | 17 | 26 | 34 | 40 | 34 | 32 | 33 | 29 | 47 | 31 | 23 | 23 | 34 | 41 | 40 | 29 | 31 | 31 | 36 | 36.5 | |
| | MIN | 27 | 22 | 27 | 22 | 29 | 24 | 30 | 24 | 11 | 20 | 21 | 7 | 6 | 5 | 18 | 29 | 19 | 9 | 14 | 13 | 14 | -2 | 9 | 10 | 12 | 32 | 27 | 9 | 28 | 19 | 17 | 17.8 | |
| ELIZABETH | MAX | 39 | 45 | 50 | 57 | 66 | 65 | 54 | 42 | 33 | 44 | 37 | 23 | 22 | 28 | 36 | 41 | 37 | 35 | 29 | 35 | 44 | 36 | 25 | 23 | 38 | 42 | 40 | 29 | 33 | 40 | 43 | 39.1 | |
| | MIN | 24 | 17 | 22 | 20 | 31 | 28 | 35 | 28 | 11 | 18 | 16 | 5 | 3 | 2 | 4 | 27 | 15 | 15 | 6 | 0 | 17 | 12 | 0 | 0 | 17 | 15 | 19 | 19 | 3 | 4 | 13 | 14.4 | |
| ESSEX FIELDS SERV BLOC | MAX | 40 | 39 | 40 | 39 | 54 | 60 | 58 | 47 | 39 | 40 | 38 | 26 | 32 | 30 | 29 | 35 | 34 | 31 | 30 | 33 | 42 | 43 | 32 | 28 | 33 | 40 | 38 | 29 | 26 | 30 | 33 | 37.0 | |
| | MIN | 24 | 26 | 27 | 29 | 31 | 32 | 30 | 34 | 16 | 18 | 18 | 12 | 10 | 8 | 10 | 13 | 10 | 12 | 10 | 8 | 9 | 11 | 8 | 10 | 18 | 12 | 8 | 2 | 8 | 14 | 19 | 16.0 | |
| FLEMINGTON 1 NE | MAX | 33 | 42 | 49 | 54 | 60 | 65 | 45 | 38 | 30 | 41 | 36 | 22 | 18 | 23 | 34 | 41 | 34 | 34 | 30 | 35 | 40 | 34 | 22 | 19 | 40 | 43 | 41 | 26 | 29 | 37 | 42 | 36.7 | |
| | MIN | 28 | 19 | 21 | 17 | 28 | 24 | 38 | 28 | 11 | 17 | 15 | 12 | 5 | 10 | -1 | 21 | 17 | -2 | -3 | -1 | 14 | 14 | -6 | 5 | 17 | 10 | 24 | -2 | 9 | 26 | 9 | 13.7 | |
| FREEHOLD | MAX | 35 | 41 | 45 | 52 | 58 | 65 | 52 | 39 | 30 | 41 | 33 | 21 | 18 | 25 | 40 | 39 | 35 | 34 | 33 | 31 | 46 | 28 | 24 | 24 | 40 | 46 | 38 | 32 | 35 | 38 | 43 | 37.5 | |
| | MIN | 27 | 18 | 25 | 24 | 37 | 37 | 39 | 30 | 12 | 19 | 21 | 16 | 4 | 10 | 12 | 32 | 19 | 13 | 10 | 8 | 23 | 15 | 4 | 5 | 20 | 25 | 23 | 5 | 18 | 28 | 21 | 19.4 | |
| HAMMONTON 2 NNE | MAX | 39 | 37 | 41 | 55 | 60 | 65 | 55 | 55 | 42 | 31 | 44 | 30 | 23 | 18 | 29 | 42 | 40 | 36 | 38 | 34 | 49 | 48 | 25 | 26 | 32 | 45 | 47 | 37 | 32 | 38 | 40 | 39.3 | |
| | MIN | 28 | 20 | 23 | 38 | 33 | 38 | 29 | 13 | 16 | 25 | 14 | 8 | 8 | 8 | 4 | 8 | 16 | 13 | 2 | 11 | 11 | 15 | 6 | 6 | 10 | 28 | 36 | 8 | 9 | 28 | 21 | 17.5 | |
| HIGH POINT PARK | MAX | 38 | 29 | 36 | 43 | 54 | 52 | 60 | 36 | 30 | 31 | 40 | 14 | 11 | 15 | 28 | 37 | 34 | 26 | 29 | 25 | 38 | 42 | 21 | 16 | 22 | 34 | 43 | 21 | 28 | 29 | 34 | 32.1 | |
| | MIN | 19 | 14 | 22 | 22 | 32 | 26 | 36 | 21 | 1 | 3 | 14 | 6 | 7 | -3 | -3 | 6 | 25 | 10 | 10 | 14 | -2 | 11 | 6 | 0 | -5 | 3 | 20 | 19 | -4 | 2 | 18 | 16 | 11.8 |
| NIGHTSTOWN 1 N | MAX | 35 | 40 | 43 | 52 | 58 | 61 | 53 | 41 | 32 | 41 | 37 | 21 | 20 | 25 | 35 | 40 | 37 | 32 | 28 | 31 | 45 | 35 | 22 | 20 | 38 | 42 | 39 | 25 | 32 | 35 | 41 | 36.6 | |
| | MIN | 28 | 21 | 26 | 22 | 35 | 31 | 41 | 31 | 13 | 21 | 20 | 17 | 6 | 10 | 4 | 29 | 19 | 8 | 5 | 6 | 25 | 14 | 3 | 5 | 18 | 17 | 25 | 4 | 15 | 27 | 19 | 18.2 | |
| INOIAN HILLS 2 W | MAX | 36 | 40 | 48 | 54 | 60 | 65 | 53 | 40 | 31 | 42 | 38 | 26 | 17 | 28 | 41 | 40 | 35 | 35 | 35 | 34 | 48 | 32 | 25 | 25 | 42 | 45 | 42 | 31 | 35 | 37 | 41 | 38.7 | |
| | MIN | 28 | 14 | 20 | 18 | 34 | 28 | 37 | 30 | 11 | 18 | 22 | 14 | 8 | 11 | 0 | 31 | 17 | 1 | 2 | 0 | 19 | 13 | -3 | 1 | 12 | 20 | 23 | 6 | 18 | 26 | 15 | 15.9 | |
| JERSEY CITY | MAX | 33 | 42 | 45 | 51 | 60 | 58 | 53 | 37 | 29 | 38 | 31 | 19 | 19 | 26 | 35 | 38 | 31 | 33 | 28 | 30 | 45 | 24 | 23 | 27 | 38 | 41 | 36 | 23 | 31 | 38 | 39 | 35.5 | |
| | MIN | 24 | 21 | 32 | 31 | 43 | 41 | 35 | 19 | 15 | 21 | 18 | 8 | 6 | 15 | 16 | 28 | 22 | 21 | 21 | 17 | 24 | 14 | 9 | 9 | 26 | 28 | 13 | 8 | 22 | 29 | 24 | 21.3 | |
| LAMBERTVILLE | MAX | 36 | 42 | 49 | 57 | 60 | 62 | 55 | 40 | 31 | 42 | 38 | 23 | 20 | 28 | 30 | 41 | 35 | 33 | 32 | 32 | 45 | 35 | 23 | 19 | 40 | 43 | 42 | 26 | 30 | 38 | 42 | 37.7 | |
| | MIN | 28 | 19 | 23 | 20 | 32 | 29 | 39 | 30 | 14 | 22 | 18 | 16 | 9 | 13 | 5 | 23 | 16 | 4 | 2 | 0 | 18 | 13 | -3 | 6 | 17 | 13 | 23 | 0 | 13 | 23 | 11 | 16.0 | |
| LAYTON 3 NW | MAX | 40 | 40 | 47 | 51 | 54 | 51 | 53 | 37 | 31 | 38 | 32 | 29 | 18 | 31 | 32 | 41 | 35 | 32 | 31 | 30 | 36 | 27 | 19 | 18 | 38 | 40 | 40 | 20 | 20 | 38 | 40 | 35.1 | |
| | MIN | 24 | 15 | 20 | 14 | 32 | 32 | 37 | 28 | 8 | 20 | 13 | 13 | -2 | | | | | | | | | | | | | | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
DECEMBER 1960

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SUSSEX | MAX | 37 | 32 | 40 | 41 | 55 | 58 | 59 | 47 | 35 | 31 | 39 | 18 | 18 | 13 | 30 | 32 | 40 | 34 | 34 | 28 | 32 | 35 | 24 | 20 | 22 | 37 | 42 | 27 | 23 | 20 | 30 | 33.3 |
| | MIN | 25 | 21 | 24 | 19 | 30 | 27 | 30 | 27 | 10 | 10 | 13 | 12 | 1 | 4 | 1 | 2 | 18 | 1 | 5 | 0 | 0 | 12 | -9 | -10 | 2 | 13 | 13 | -5 | -5 | 12 | 5 | 9.9 |
| TOMS RIVER | MAX | 35 | 40 | 46 | 48 | 60 | 60 | 57 | 40 | 35 | 40 | 38 | 29 | 21 | 27 | 42 | 40 | 36 | 35 | 34 | 35 | 47 | 30 | | | 49 | 45 | 34 | 29 | 38 | 41 | 45 | 39.9 |
| | MIN | 27 | 13 | 29 | 26 | 26 | 20 | 38 | 27 | 15 | 19 | 25 | 15 | 6 | 15 | 12 | 27 | 18 | 22 | 24 | 20 | 25 | 15 | | | 25 | 28 | 25 | 8 | 18 | 20 | 19 | 20.9 |
| TRENTON WB CITY | MAX | 35 | 41 | 46 | 55 | 58 | 62 | 54 | 38 | 30 | 42 | 36 | 21 | 18 | 27 | 35 | 41 | 34 | 33 | 30 | 31 | 47 | 26 | 22 | 25 | 39 | 42 | 41 | 27 | 33 | 37 | 40 | 37.0 |
| | MIN | 26 | 25 | 32 | 30 | 45 | 38 | 35 | 21 | 16 | 24 | 19 | 9 | 9 | 16 | 15 | 29 | 20 | 17 | 17 | 17 | 24 | 15 | 9 | 9 | 22 | 24 | 15 | 10 | 21 | 29 | 24 | 21.4 |
| TUCKERTON | MAX | 37 | 42 | 50 | 55 | 60 | 62 | 55 | 43 | 34 | 44 | 38 | 35 | 20 | 30 | 42 | 40 | 40 | 36 | 38 | 34 | 48 | 34 | 27 | 27 | 45 | 48 | 45 | 30 | 40 | 40 | 40 | 40.6 |
| | MIN | 28 | 17 | 22 | 19 | 26 | 27 | 40 | 28 | 12 | 21 | 25 | 18 | 6 | 13 | 7 | 33 | 18 | 9 | 5 | 8 | 20 | 15 | -2 | 5 | 16 | 20 | 18 | 8 | 20 | 32 | 15 | 17.7 |
| WOODSTOWN | MAX | 38 | 41 | 48 | 56 | 62 | 64 | 53 | 41 | 34 | 45 | 40 | 25 | 21 | 29 | 38 | 41 | 38 | 35 | 33 | 33 | 46 | 34 | 26 | 26 | 39 | 44 | 42 | 29 | 33 | 39 | 38 | 39.1 |
| | MIN | 29 | 22 | 24 | 21 | 32 | 30 | 40 | 31 | 14 | 22 | 22 | 12 | 8 | 15 | 4 | 29 | 19 | 4 | 8 | 1 | 21 | 11 | 4 | 8 | 13 | 19 | 27 | 11 | 20 | 27 | 18 | 18.3 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 36 | 37 | 41 | 42 | 46 | 47 | 44 | 37 | 30 | 30 | 30 | 31 | 31 | 33 | 33 | 33 | 33 | 33 | 32 | 33 | 33 | 32 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 31 | 30 | 33.9 |
| | MIN | 34 | 32 | 32 | 31 | 36 | 35 | 37 | 30 | 28 | 28 | 29 | 30 | 30 | 31 | 32 | 33 | 33 | 33 | 31 | 32 | 32 | 30 | 27 | 27 | 29 | 28 | 25 | 24 | 29 | 30 | 29 | 30.8 |
| 2 INCHES | MAX | 38 | 36 | 39 | 39 | 42 | 43 | 42 | 40 | 34 | 32 | 30 | 31 | 31 | 33 | 33 | 33 | 35 | 35 | 35 | 33 | 33 | 32 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 34.2 |
| | MIN | 35 | 35 | 36 | 35 | 39 | 38 | 42 | 36 | 33 | 32 | 30 | 30 | 30 | 31 | 32 | 33 | 35 | 35 | 34 | 32 | 32 | 30 | 28 | 28 | 31 | 31 | 31 | 31 | 29 | 30 | 29 | 32.7 |
| 4 INCHES | MAX | 38 | 36 | 40 | 39 | 42 | 44 | 42 | 37 | 30 | 30 | 30 | 31 | 31 | 33 | 33 | 33 | 34 | 33 | 33 | 33 | 33 | 32 | 30 | 29 | 30 | 30 | 30 | 31 | 31 | 30 | 33.8 | |
| | MIN | 35 | 33 | 32 | 31 | 37 | 36 | 37 | 31 | 29 | 28 | 29 | 30 | 30 | 31 | 32 | 33 | 34 | 33 | 32 | 32 | 32 | 30 | 28 | 28 | 29 | 29 | 27 | 26 | 29 | 30 | 29 | 31.1 |
| 8 INCHES | MAX | 43 | 38 | 39 | 39 | 42 | 43 | 43 | 41 | 38 | 35 | 35 | 35 | 36 | 36 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 34 | 33 | 33 | 33 | 32 | 33 | 32 | 36.5 |
| | MIN | 39 | 38 | 38 | 38 | 39 | 40 | 42 | 39 | 36 | 35 | 35 | 34 | 35 | 36 | 36 | 36 | 36 | 36 | 36 | 35 | 35 | 34 | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 32 | 32 | 35.6 |
| 12 INCHES | MAX | 45 | 41 | 41 | 40 | 42 | 43 | 43 | 43 | 41 | 37 | 37 | 37 | 37 | 37 | 38 | 38 | 38 | 37 | 37 | 37 | 37 | 36 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 37.9 |
| | MIN | 42 | 40 | 40 | 40 | 40 | 42 | 43 | 41 | 39 | 37 | 37 | 37 | 37 | 37 | 37 | 38 | 38 | 37 | 37 | 37 | 36 | 36 | 35 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 37.4 |
| 16 INCHES | MAX | 47 | 43 | 42 | 42 | 43 | 43 | 44 | 43 | 43 | 39 | 39 | 39 | 38 | 38 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 37 | 37 | 36 | 36 | 36 | 35 | 36 | 35 | 35 | 35 | 39.3 |
| | MIN | 44 | 42 | 42 | 42 | 42 | 43 | 44 | 43 | 41 | 39 | 39 | 38 | 38 | 38 | 38 | 39 | 39 | 39 | 39 | 39 | 38 | 37 | 37 | 36 | 36 | 36 | 35 | 35 | 35 | 35 | 35 | 38.8 |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 32 | 30 | 32 | 37 | 45 | 46 | 43 | 35 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31.6 | |
| | MIN | 31 | 30 | 30 | 31 | 35 | 34 | 36 | 32 | 28 | 27 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 30.6 |
| 2 INCHES | MAX | 32 | 30 | 32 | 37 | 45 | 48 | 43 | 35 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 30 | 31 | 31 | 31 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 32.6 |
| | MIN | 31 | 30 | 30 | 31 | 35 | 34 | 36 | 32 | 28 | 27 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 30.6 |
| 4 INCHES | MAX | 34 | 31 | 32 | 36 | 43 | 44 | 42 | 36 | 32 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 32 | 32 | 32 | 33 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 32.7 |
| | MIN | 32 | 31 | 31 | 32 | 36 | 36 | 33 | 34 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 32 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31.5 |
| 8 INCHES | MAX | 39 | 35 | 35 | 36 | 42 | 43 | 42 | 39 | 36 | 33 | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 32 | 34.5 |
| | MIN | 36 | 34 | 34 | 35 | 37 | 38 | 40 | 37 | 34 | 32 | 32 | 32 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 32 | 33 | 33 | 33 | 33 | 32 | 32 | 32 | 33.6 |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-Constantan Thermocouples connected to a Brown Elektronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with Copper-Constantan Thermocouples.

SNOWFALL AND SNOW ON GROUND

NEW JERSEY
DECEMBER 1960

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|---|---|---|---|---|---|----------|---|----|------------|----------------|---------|---------|-----------|-----------|----------|-----------|-----------|-----------|-----------|----|--------|---------|--------|----|----|----------|-----------|-----------|-----------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | | | T | | | 6.2 | 1.3 7 .7 | 6 .6 | 4 .8 | 4 .5 | 3 .5 | 1 | 1 | T 1 | 1 | | | | | .1 | | | | | T | T | |
| BASS RIVER ST FOREST | SNOWFALL SN ON GND | | | | | | | | | | | 12.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | .5 | - | |
| BELVIOERE | SNOWFALL SN ON GNO | | | | | | | | T | | | 3.5 4 | 7.0 11 | 10 | 8 | 7 | 6 | 5 | 5 | .5 6 | 6 | 2.0 6 | 6 | 6 | 6 | T 6 | 5 | 5 | T 5 | 5 | 3.3 8 | .5 8 | 8 |
| CHARLOTTEBURG | SNOWFALL SN ON GND | .5 T | | | | | | | | | | 15.0 15 | 15 | 15 | 14 | 13 | 1.5 13 | 14 | 13 | 12 | 13 | 2.0 13 | 12 | 12 | 11 | 11 | 10 | 10 | 10 | T 10 | 3.0 13 | 12 | |
| CLAYTON | SNOWFALL SN ON GNO | | | | | | | | | | | 4.0 4 | 10.0 14 | 14 | 12 | 12 | 10 | 7 | 7 | 5 | T 4 | 2 | T | T | T | T | T | T | T | T | T | T | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GNO | T | | | | | | | 2.0 T | | | 3.0 3 | 18.0 21 | 21 | 21 | 20 | 19 | 17 | 17 | 19 | 1.5 18 | 1.0 12 | 12 | 12 | 12 | 12 | 11 | 10 | 9 | 9 | 2.5 12 | 1.0 12 | 10 |
| FREEHOLD | SNOWFALL SN ON GND | | | | | | | | | | | 4.0 4 | 10.1 15 | 14 | 14 | 8 | 6 | 5 | 5 | .3 5 | 5 | 3 | 3 | 3 | T | T | T | T | T | 1.5 T | | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | T | | | | | | | T | | | 1.0 1 | 17.0 18 | 18 | 18 | 16 | 1.0 13 | 12 | 12 | .8 13 | 13 | 6 | 6 | 6 | T 6 | 6 | 4 | 3 | 3 | 1.5 4 | T | 3 | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GNO | | | | | | | | T | | | 3.6 4 | 10.2 13 | 10 | 9 | 7 | T 5 | 5 | 5 | .4 5 | 5 | 2 | 2 | 2 | T | 1 | T | T | T | 1.3 T | T | T | |
| LAMBERTVILLE | SNOWFALL SN ON GND | | | | | | | | T | | | 1.0 1 | 17.0 17 | 17 | 15 | 15 | .5 13 | 12 | 12 | 1.0 12 | 11 | 6 | 5 | 5 | T 5 | 4 | 4 | 4 | 4 | 2.0 6 | 5 | 5 | |
| LAYTON 3 NW | SNOWFALL SN ON GND | .8 | | | | | | | | | | 13.0 13 | 13 | 13 | 13 | 11 | 11 | 11 | .6 11 | 11 | 4.2 10 | 10 | 10 | 10 | 10 | 10 | 9 | 9 | 9 | 2.5 12 | .5 10 | 10 | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | .3 T | | | | | | | | | | 13.0 13 | .5 14 | 12 | 12 | 1.0 12 | .3 10 | 10 | 10 | 1.2 10 | 9 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 1.8 6 | 2.3 6 | 6 | | |
| LONG BRANCH | SNOWFALL SN ON GND | | | | | | | | T | | | 6.0 3 | 8.0 14 | 14 | 14 | 11 | 5 | 5 | 4 | .4 4 | 4 | 2 | 1 | 1 | T 1 | 1 | T | T | 2.0 1 | 1 | T | | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | | | | 8.0 - | 6.0 - | - | - | - | 2.0 - | - | - | 1.0 - | - | - | - | - | - | - | - | - | - | 4.0 - | - | - | |
| MAYS LANDING | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MILLVILLE | SNOWFALL SN ON GND | | | | | | | | | | | 6.0 - | - | - | - | - | - | - | - | T | | | | | T | | | | | 2.0 T | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL SN ON GND | | | | | | | | T | | | 7.0 6 | 6.0 10 | 10 | 9 | 7 | 5 | 5 | 4 | T 4 | 3 | 2 | 2 | 1 | 1 | 1 | 1 | T | T | 2.0 2 | T | T | |
| MOORESTOWN | SNOWFALL SN ON GND | | | | | | | | | | | 14.0 14 | 1.0 15 | 14 | 13 | T 10 | 1.0 9 | 6 | 5 | 4 | 1.0 6 | 4 | 3 | 1 | 1 | 1 | 2 | 1 | T | 1.5 2 | T | T | |
| MORRIS PLAINS | SNOWFALL SN ON GND | T | T | - | - | - | - | - | T | T | - | - | - | 2.0 | - | - | .7 - | 2.5 - | - | - | 2.0 - | 2.0 - | - | - | - | - | - | T | - | .8 - | 3.0 - | - | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | T | | | | | | | T | | | 3.7 12 | 16.7 19 | T 17 | T 15 | T 13 | 8 | 6 | 5 | 1.4 5 | T 6 | 2 | 2 | 2 | T 2 | 2 | 2 | 1 | 1 | 2.2 1 | T | 1 | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | T | | | | | | | T | | | 1.5 2 | 15.0 15 | 15 | 14 | 10 | 1.0 9 | 8 | 8 | .8 8 | 8 | 5 | 5 | 5 | T 4 | T 3 | 2 | 1 | 1 | 2.0 3 | 3 | 2 | |
| NEWTON | SNOWFALL SN ON GNO | T | T | | | | | | | T | | 11.0 - | 1.0 - | - | - | - | T - | 1.0 - | - | - | 1.0 - | .5 - | T | - | - | - | - | - | 1.0 - | 2.5 - | - | - | |
| PATERSON | SNOWFALL SN ON GNO | | | | | | | | | | | 20.5 20 | 20 | 19 | 18 | 18 | 17 | 17 | 15 | 2.0 14 | T 14 | 13 | 12 | 12 | T 11 | 11 | 9 | 8 | 8 | 7 | 6 | | |
| PEMBERTON 3 E | SNOWFALL SN ON GND | | | | | | | | | | | 1.0 1 | 14.6 16 | 14 | 10 | 9 | T 7 | 7 | 6 | 6 | 6 | 4 | 4 | 4 | 3 | 3 | 2 | 1 | 1 | 1.0 1 | 1 | T | |
| PHILLIPSBURG | SNOWFALL SN ON GND | | | | | | | | | | | 11.0 11 | 11 | 10 | 10 | 9 | 3 | 7 | 8 | 1.0 8 | T 8 | 6 | 5 | 5 | T 5 | 5 | 4 | 4 | 4 | 2.0 6 | T | 4 | |
| PLAINFIELD | SNOWFALL SN ON GND | T | | | | | | | T | | | 20.0 20 | 20 | 18 | 13 | 1.0 13 | 11 | 11 | 1.5 12 | 8 | 5 | 5 | 5 | T 5 | 5 | 4 | 3 | 3 | 2.5 3 | 3 | 2 | | |
| RAHWAY | SNOWFALL SN ON GNO | | | | | | | | | | | 6.0 6 | 14.7 21 | 20 | 19 | 19 | T 16 | 15 | 15 | 1.5 16 | 14 | 6 | 4 | 3 | T 3 | 2 | 2 | 1 | 1 | 2.7 3 | T | 2 | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | | | | | T | | | 1.5 2 | 13.0 15 | 14 | 13 | 13 | 12 | 12 | .6 11 | - | - | - | - | T 5 | - | - | - | - | 2.2 6 | 5 | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | | | | | | | | .1 | | | 5.0 15 | 11.6 15 | 13 | 10 | 7 | 1.1 5 | 4 | 3 | .7 3 | 2 | 1 | 1 | 1 | .3 1 | 1 | 1 | 1 | 1 | 2.2 2 | .3 2 | 1 | |
| WANAQUE RAYMONO OAM | SNOWFALL SN ON GNO | | | | | | | | | | | 16.0 16 | T 12 | 11 | 9 | .5 8 | .5 7 | 7 | 6 | 6 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 1.0 4 | 4.0 8 | 7 | |

See reference notes following Station Index.

CLIMATOLOGICAL DATA

NEW JERSEY
DELAYED DATA

| Station | Temperature | | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|---------------|-----------------|-----------------|---------|--------------------------------|---------|------|--------|------|-------------|--------------|--------------|--------------|---------------|-------|--------------------------------|--------------|------|-------------|----------------------|------|------------|------------|-------------|---|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No of Days | | | |
| | | | | | | | | | | Max | | Min. | | | | | | Total | Max. Depth on Ground | Date | 10 or More | 50 or More | 100 or More | |
| | | | | | | | | | | 99° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| FEBRUARY 1955 | 41.8 | 21.4 | 31.6 | - 2.1 | 55 | 24+ | 2 | 3 | 930 | 0 | 4 | 25 | 0 | 3.03 | - | .22 | 1.09 | 7 | 8.2 | 5 | 4+ | 7 | 1 | 1 |
| JULY 1960 | 84.7 | 60.1 | 72.4 | - 3.3 | 91 | 13+ | 50 | 8 | 0 | 2 | 0 | 0 | 0 | 8.02 | 3.67 | 3.75 | 30 | .0 | 0 | | 8 | 4 | 3 | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | |
| AUGUST 1960 | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AIRPORT | WSW | 10 | 10.3 | 23 | NW | 19+ | 90 | 91 | 62 | 78 | 6 | 2 | 4 | 2 | 0 | 0 | 14 | 46 | 7.0 |

DAILY PRECIPITATION

| Station | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total |
|-------------------|--------------|------|-----|-----|---|---|------|---|---|----|-----|-----|----|------|-----|----|-----|----|----|----|-----|----|-----|----|-----|----|-----|-----|-----|------|----|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| FEBRUARY 1955 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLEASANTVILLE 1 N | .04 | .41 | .22 | | | | 1.09 | | | | | .27 | | | | | .12 | | | | .01 | | .47 | T | .27 | | .07 | .06 | | | | 3.03 |
| JULY 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | .21 | 1.56 | | .36 | | | | | | | .05 | | | 1.16 | .11 | | | | | | | | | | | | .56 | .16 | .06 | 3.75 | | 8.02 |

DAILY TEMPERATURES

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| FEBRUARY 1955 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLEASANTVILLE 1 N | MAX MIN | 35 13 | 41 31 | 31 2 | 16 4 | 34 9 | 39 18 | 50 36 | 49 23 | 37 17 | 42 20 | 50 31 | 48 14 | 20 12 | 28 8 | 35 13 | 44 17 | 47 24 | 45 28 | 45 23 | 48 23 | 48 25 | 44 32 | 55 39 | 55 27 | 37 20 | 48 21 | 47 30 | 52 38 | | | 41.8 21.4 | |
| JULY 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | MAX MIN | 86 63 | 82 64 | 87 64 | 80 62 | 81 60 | 82 52 | 78 60 | 83 50 | 89 54 | 88 60 | 83 59 | 91 60 | 91 64 | 86 67 | 81 59 | 83 53 | 85 58 | 87 62 | 84 66 | 86 63 | 83 52 | 86 55 | 89 61 | 89 64 | 86 57 | 86 54 | 78 82 | 87 89 | 85 64 | 79 63 | 84 82 | 84.7 60.1 |

DAILY SOIL TEMPERATURES

NEW JERSEY
DELAYED DATA

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| AUGUST 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 83 69 | 81 71 | 84 72 | 74 60 | 73 68 | 83 68 | 88 67 | 83 72 | 85 68 | 86 71 | 79 70 | 83 66 | 74 66 | 77 65 | 85 70 | 77 67 | 80 64 | 81 63 | 70 68 | 81 63 | 85 70 | 80 70 | 82 68 | 82 66 | 80 61 | 84 60 | 85 63 | 88 70 | 88 72 | 88 73 | 75 73 | 81.2 67.5 |
| 2 INCHES | MAX MIN | 80 69 | 80 71 | 84 72 | 73 70 | 73 68 | 82 68 | 81 67 | 83 72 | 84 68 | 85 71 | 78 70 | 81 66 | 73 66 | 76 65 | 84 70 | 77 67 | 79 64 | 81 68 | 70 64 | 81 68 | 83 70 | 80 70 | 82 68 | 81 66 | 79 61 | 83 60 | 85 65 | 88 70 | 88 72 | 87 73 | 75 72 | 80.5 68.0 |
| 4 INCHES | MAX MIN | 80 70 | 77 71 | 81 72 | 73 70 | 72 68 | 80 68 | 78 67 | 81 72 | 82 68 | 84 72 | 77 71 | 79 67 | 73 67 | 75 66 | 82 70 | 75 68 | 77 64 | 80 65 | 70 68 | 79 64 | 82 70 | 79 71 | 80 69 | 79 68 | 77 63 | 80 61 | 82 65 | 85 70 | 85 72 | 85 74 | 75 73 | 78.9 68.6 |
| 8 INCHES | MAX MIN | 75 70 | 77 71 | 77 73 | 75 70 | 71 70 | 75 70 | 75 69 | 77 72 | 77 71 | 78 73 | 75 70 | 74 70 | 73 70 | 73 68 | 75 71 | 73 70 | 74 68 | 74 68 | 72 68 | 74 67 | 77 71 | 76 72 | 76 71 | 76 71 | 73 67 | 75 65 | 76 67 | 79 71 | 79 73 | 80 75 | 75 74 | 75.4 70.4 |
| SEPTEMBER 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 84 71 | 84 68 | 80 60 | 74 61 | 80 66 | 80 60 | 83 62 | 73 65 | 85 69 | 81 67 | 67 62 | 64 62 | 75 56 | 72 53 | 75 54 | 73 59 | 70 60 | 67 62 | 68 64 | 67 62 | 71 61 | 72 58 | 74 54 | 71 56 | 68 58 | 73 59 | 73 56 | 70 62 | 65 62 | 75 64 | 73.8 61.1 | |
| 2 INCHES | MAX MIN | 84 71 | 83 68 | 79 60 | 74 61 | 80 66 | 80 60 | 82 62 | 83 64 | 85 69 | 80 67 | 67 62 | 64 62 | 74 57 | 72 53 | 79 54 | 73 59 | 69 60 | 67 61 | 68 63 | 67 61 | 71 62 | 72 58 | 73 54 | 70 56 | 68 58 | 73 59 | 73 56 | 70 62 | 64 63 | 75 64 | 74.0 61.1 | |
| 4 INCHES | MAX MIN | 82 71 | 81 70 | 77 63 | 72 63 | 77 67 | 78 63 | 81 65 | 82 69 | 79 68 | 68 63 | 64 62 | 72 58 | 70 55 | 72 56 | 72 60 | 68 61 | 67 62 | 66 63 | 69 62 | 70 60 | 72 56 | 69 58 | 66 58 | 66 58 | 71 60 | 71 57 | 67 64 | 64 63 | 72 64 | 72.3 61.9 | | |
| 8 INCHES | MAX MIN | 77 72 | 77 73 | 73 67 | 70 66 | 74 69 | 73 66 | 74 67 | 75 68 | 76 71 | 75 66 | 71 64 | 66 62 | 68 60 | 67 60 | 66 63 | 68 63 | 66 63 | 65 63 | 66 64 | 63 63 | 67 64 | 68 64 | 67 60 | 67 62 | 66 61 | 64 62 | 67 61 | 66 61 | 66 64 | 64 63 | 69 64 | 69.1 64.8 |
| OCTOBER 1960 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 66 50 | 66 47 | 67 55 | 63 49 | 66 49 | 64 52 | 62 47 | 65 45 | 66 48 | 66 48 | 66 51 | 64 50 | 66 47 | 69 51 | 71 56 | 68 58 | 67 55 | 64 49 | 57 48 | 59 43 | 53 38 | 52 35 | 49 36 | 46 36 | 42 36 | 54 31 | 53 43 | 51 48 | 52 47 | 52 43 | 52 47 | 60.1 46.5 |
| 2 INCHES | MAX MIN | 65 51 | 66 47 | 68 55 | 63 50 | 66 49 | 64 52 | 62 47 | 65 45 | 65 48 | 66 49 | 66 52 | 64 50 | 66 47 | 69 51 | 71 56 | 68 58 | 67 55 | 64 50 | 57 48 | 59 43 | 52 38 | 52 36 | 49 36 | 46 36 | 42 36 | 54 31 | 53 43 | 51 48 | 52 47 | 52 43 | 52 47 | 60.1 46.7 |
| 4 INCHES | MAX MIN | 64 54 | 64 50 | 66 56 | 62 52 | 64 51 | 62 54 | 61 49 | 63 47 | 63 50 | 64 50 | 64 53 | 63 52 | 64 49 | 66 52 | 68 57 | 66 56 | 66 51 | 62 50 | 57 46 | 58 40 | 51 38 | 49 38 | 47 38 | 42 33 | 52 44 | 51 48 | 51 47 | 51 44 | 51 48 | 51 48 | 58.7 48.3 | |
| 8 INCHES | MAX MIN | 63 59 | 64 55 | 64 59 | 60 56 | 58 55 | 60 54 | 59 52 | 59 53 | 59 54 | 60 55 | 61 56 | 60 54 | 61 55 | 64 59 | 63 60 | 63 59 | 63 55 | 60 54 | 57 52 | 57 48 | 51 44 | 49 44 | 48 43 | 44 43 | 49 39 | 50 46 | 51 50 | 50 49 | 51 47 | 51 49 | 56.8 51.9 | |

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan Thermocouples.

CORRECTIONS

ANNUAL 1955

Total Precipitation and Departure Table:
Pleasantville 1 N

Correct as follows: February average precipitation should be 3.03; departure from long-term average should be 0.00; annual total precipitation should be 38.55; departure -4.44.

Average Temperature and Departure Table:
Pleasantville 1 N

Correct as follows: February average temperature should be 31.6; departure from long-term average -1.8; annual average temperature 53.1; departure from long-term average + 5.

MONTH: JUNE 1959

Delayed Data (Page 59)
Sandy Hook Lbsta

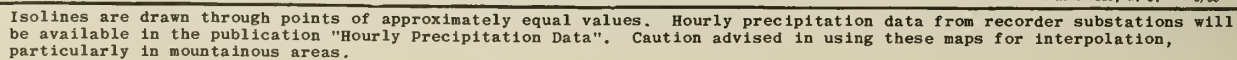
Climatological Data for September 1958; highest temperature should be 86 on 16; lowest temperature should be 48 on 29th.

MONTH: SEPTEMBER 1960

Daily Soil Temperature Table:
New Brunswick Exp Sta

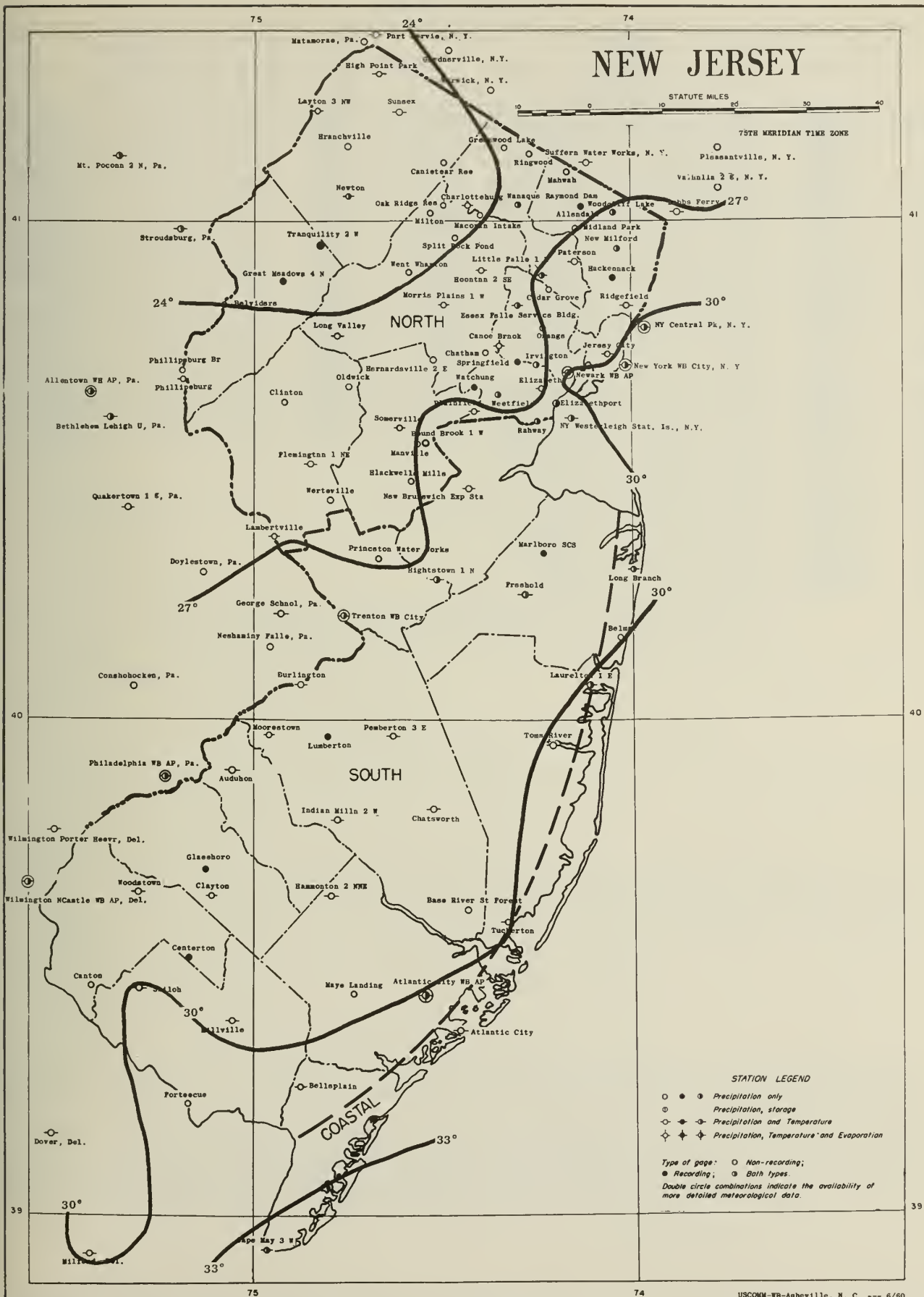
Correct as follows: 16 inches depth on 25th maximum should be 65 and minimum should be 64. Minimum average should be 66.7.

NEW JERSEY
DECEMBER 1960



AVERAGE TEMPERATURE

NEW JERSEY
DECEMBER 1960



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
DECEMBER 1960

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | | | | | |
|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------|----------|----------------------------------|-------------------------|--|--|--|--|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | | | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | HIO | MID | TP | C | H | BERGEN COUNTY ENGINEERS | | | | | |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | NIO | NIO | | | | STATE MARINA | | | | | |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | | IRVIN J. NYGREN | | | | | |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | 6P | | | | | N.J. FORESTRY SERVICE | | | | | |
| BELLEPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | 5P | | | | NRS. ED C. HOFFMAN | | | | | |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | | BELMAR WATER WORKS | | | | | |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | | | | | M. CLEMENT MAUP | | | | | |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | | BERNARDS WATER COMPANY | | | | | |
| BERNARDSVILLE 2 W | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | HENRY N. MILLER | | | | | |
| BOONTO 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | | JERSEY CITY WATER WORKS | | | | | |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMID CO. | | | | | |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | | ALBERT M. OVENPORT | | | | | |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | | | | | PUBLIC SVC. E. & G. CO. | | | | | |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT | | | | | |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. | | | | | |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | | GERTRUDE S. WILLIS | | | | | |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | 5P | | | | N.WEST MAGNESITE CO. | | | | | |
| CEARF GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | | J. A. PLUNKETT | | | | | |
| CERTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | C. JOHN HOPKINS UNI. | | | | | |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 740 | 7A | 7A | | | | NEWARK WATER DEPT. | | | | | |
| CHATHAM | 1590 | NORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. MOLITOR | | | | | |
| CHATSQUORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | | EARL N. KERCHNER | | | | | |
| CLAYTON | 1708 | GLoucester | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | | H. HARRY P. CAMPBELL | | | | | |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | | L. W. KLOCKNER | | | | | |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 83 | 5P | 5P | | | | UNION CO. PARK COMM. | | | | | |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | NIO | | | | | SEWAGE TREATMENT PLANT | | | | | |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | | BOROUGH ESSEX FELS | | | | | |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | | H. DONALD YOUNG | | | | | |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOPER | | | | | |
| FREEDLO | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | | C. FRANK J. MOREAU | | | | | |
| GLASSBORO | 3291 | GLoucester | 2 | 39 42 | 75 07 | 150 | | | | | | C. PROF. J. B. SANGREE | | | | | |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | | C. GAMMA CHEMICAL CORP. | | | | | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 640 | 7A | | | | | GEORGE T. WIGGINS | | | | | |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | | C. BERGEN COUNTY ENGINEERS | | | | | |
| HANNONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKNURST | | | | | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | | | | | N. J. DEPT. OF CONS. | | | | | |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | | C. JAMES R. PICKERING | | | | | |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | | H. EDWARD ENTWISTLE | | | | | |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | NIO | | | | | JOINT MEETING GARAGE | | | | | |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | NIO | NIO | | | | JERSEY CITY WATER DEPT. | | | | | |
| LANBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | M. E. CASE | | | | | |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | NIO | NIO | | | | C. GEORGE G. WADDILL | | | | | |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | | H. A. M. DEPU | | | | | |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | 9A | | | | C. PASSAIC VLY. WTR. COMM. | | | | | |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 73 59 | 34 | NIO | NIO | | | | C. HJ. WILLIAM D. MARTIN, JR. | | | | | |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | | M. ARTHUR BARKAN | | | | | |
| LUNBORTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | | JAMES LAWTON | | | | | |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | | NEWARK WATER DEPT. | | | | | |
| MAHWAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW | | | | | |
| MAYVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MIO | | | | | C. JOHN L. RADCLIFFE | | | | | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | | C. GEROW BRILL | | | | | |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | | C. ELNER EARLE | | | | | |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | NIO | | | | | C. RIDGEWOOD WATER CO. | | | | | |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | NIO | | | | C. M. L. J. GALLAMER | | | | | |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MIO | MIO | | | | H. FED. AVIATION AGENCY | | | | | |
| MORRIS | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | | | JERSEY CITY WATER WKS. | | | | | |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | NIO | 8A | | | | H. M. J. WILLARD | | | | | |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | | H. JAMES C. LONG | | | | | |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MIO | | | | | C. U.S. WEATHER BUREAU | | | | | |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | | | GM. ARTHUR H. AHLQUIST | | | | | |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | | | C. HACKENSACK WATER CO. | | | | | |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | | C. H. NEWTON WTR. & SUPPLY COMM. | | | | | |
| DAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | | C. NEWARK WATER DEPT. | | | | | |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | | | DAN A. COUGHLIN | | | | |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MIO | | | | | C. COUNTY ENGINEER | | | | | |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 8A | | | | H. M. P. J. DEL VECCHIO | | | | | |
| PENBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 5P | 5P | | | | H. PHILIP E. MARUCCI | | | | | |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | | H. SEWAGE DISPOSAL PLANT | | | | | |
| PHILLIPSBURG BRIDGE | 6978 | WARREN | 2 | 40 42 | 75 12 | 194 | 9A | | | | | | JOINT TOLL BRIDGE COMM. | | | | |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | | | H. MRS. VIVIAN SCHNER | | | | | |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | MID | | | | | C. PRINCETON WATER CO. | | | | | |
| RAHWAY | 7593 | UNION | 9 | 40 36 | 74 15 | 20 | NIO | | | | | C. H. RAHWAY VLY. SWG. AUTH. | | | | | |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | NIO | | | | H. GEORGE P. KIRSTEN | | | | | |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | | | NO. JERSEY WTR. SUPPLY | | | | |
| SCHODLEYS MOUNTAIN | 7898 | MORRIS | 10 | 40 48 | 74 48 | 1000 | 8A | | | | | | JOHN VANSTONE | | | | |
| SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | | | EVERETT OICKINSON | | | | |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | | H. M. E. MAVER | | | | | |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | | C. JERSEY CITY D. P. W. | | | | | |
| SPRINGFIELD | 8425 | UNION | 1 | 40 43 | 74 18 | - | | | | | | | M. J. DEPT. OF CONS. | | | | |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | | BRICE B. STANTON | | | | |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | | C. TOMS RIVER WATER CO. | | | | | |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | | | M. J. CRYEY | | | | |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | NIO | NIO | | | | C. H. U.S. WEATHER BUREAU | | | | | |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | | | REV. WALTER T. GANDEK | | | | |
| WANAQUE RAYMOND DAN | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | | | C. H. WATER SUPPLY COMM. | | | | | |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | 10A | 6P | | | | C. BONNIE BURN SANITARIUM | | | | | |
| VERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | | | ROBERT H. MANNERS | | | | |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | NIO | 7A | | | | C. CITY ENGINEER | | | | | |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | | | N.J. POWER & LIGHT CO. | | | | |
| WOODCLIFF LAKE | 9932 | BERGEN | 4 | 41 01 | 74 03 | 103 | NIO | | | | | C. HACKENSACK WATER CO. | | | | | |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | | | CREAN VALLEY DAIRY | | | | |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-HAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

57-05
NNJ

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

ANNUAL SUMMARY 1960

Volume 65 No. 13



ASHEVILLE: 1961

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Table 1

AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

NEW JERSEY
1960

| STATION | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|------------------------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure |
| ATLANTIC CITY WB AP | 35.3 | -7 | 36.7 | 2.1 | 32.3 | -9.2 | 55.2 | 5.1 | 61.0 | 8 | 70.7 | 1.0 | 73.7 | -1.6 | 74.8 | 1.9 | 67.9 | -5.5 | 56.5 | -11 | 47.9 | 1.4 | 30.1 | -6.6 | 53.5 | -3 |
| ATLANTIC CITY | 36.9 | 1.1 | 37.2 | 1.8 | 33.0 | -8.5 | 52.9 | 3.5 | 60.3 | 1.2 | 69.4 | 7 | 72.4 | 1.2 | 73.8 | 7 | 68.0 | -3.3 | 57.7 | -3 | 48.5 | 4 | 32.3 | -5.9 | 53.5 | -6 |
| AUDUBON | 35.3 | | 36.6 | | 34.1 | | 57.5 | | 62.5 | | 72.4 | | 74.5 | | 75.4 | | 67.8 | | 56.0 | | 47.7 | | 30.1 | | 54.1 | |
| BELLEPLAIN | 36.1 | | 37.7 | | 33.0 | | 57.2 | | 60.5 | | 68.9 | | 72.8 | | 74.2 | | 67.3 | | 55.4 | | | | | | | |
| BELVOIRE | 31.4 | 1.3 | 34.6 | 3.4 | 30.3 | -9.4 | 54.9 | 4.0 | 60.1 | -2.2 | 68.1 | -2.7 | 70.3 | -5.2 | 71.2 | -1.5 | 64.1 | -1.9 | 51.9 | -3.0 | 43.0 | 3 | 24.0 | -8.0 | 50.3 | -2.1 |
| BOONTON 2 SE | 30.5 | 1.4 | 33.5 | 4.2 | 30.1 | -7.6 | 52.6 | 3.9 | 59.1 | -1.2 | 67.6 | -3 | 70.7 | -2.3 | 71.2 | 4 | 64.1 | -6 | 52.4 | -1.1 | 44.2 | 2.0 | 24.9 | -6.7 | 50.1 | -5 |
| BURLINGTON | 34.5M | -1 | 37.9M | | 3.1 | 34.5 | -8.2 | M | 62.9 | -1.4 | 72.9 | -1 | 75.3 | -2.0 | 76.0 | 5 | 67.9 | -9 | 56.7 | -1.3 | 47.7 | 1.3 | 29.5 | -6.5 | | |
| CANOE BROOK | 30.5 | 1.4 | 33.7 | 4.4 | 30.0 | -7.9 | 53.0 | 4.7 | 58.9 | 0 | 67.8 | -1 | 71.3 | -1.8 | 71.9 | 8 | 64.6 | 3 | 52.7 | -1.2 | 43.8 | 1.1 | 23.6 | -7.7 | 50.1 | -5 |
| CAPE MAY 3 W | 36.9M | | 38.8 | | 35.2M | | 55.8M | | 61.5M | | 71.9M | | 73.9M | | 76.5 | | 70.6 | | 59.1M | | 51.7 | | 35.0M | | 55.6 | |
| CHARLOTTEBURG | 28.4 | -6 | 31.3 | 2.1 | 27.0 | -10.3 | 50.6 | 2.6 | 56.9 | -2.0 | 64.8 | -2.0 | 67.7 | -3.5 | 69.3 | -1 | 62.1 | -5 | 50.8 | -1.9 | 42.9 | 9 | 22.6 | -8.5 | 47.9 | -2.0 |
| CHATSORTH | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAYTON | 35.5 | | 36.2 | | 32.7 | | 57.9 | | 61.1 | | 70.2 | | 73.8 | | 75.5 | | 68.1 | | 54.5 | | 46.3 | | 27.2 | | 53.2 | |
| ELIZABETH | 33.2 | -1 | 36.3 | 3.1 | 33.1 | -8.3 | 54.6 | 2.9 | 61.3 | -1.0 | 70.0 | -1.0 | 72.0 | -4.0 | 73.1 | -1.1 | 65.9 | -1.3 | 55.3 | -1.5 | 46.9 | 1.5 | 26.8 | -8.0 | 52.4 | -1.5 |
| ESSEX FELL'S SERV BLDG | 29.9 | | 34.1 | | 30.5 | | | | 61.0 | | 70.3M | | 73.7 | | 72.4 | | 63.8 | | 55.5 | | 47.6 | | 26.5 | | | |
| FLEMINGTON 1 NE | 31.6 | -3 | 36.9 | 2.6 | 30.9 | -9.9 | 53.6 | 2.5 | 59.4 | -2.7 | 69.1 | -1.7 | 72.5 | -3.2 | 73.5 | -1 | 65.7 | -1.1 | 52.7 | -3.4 | 43.8 | -6 | 25.2 | -8.3 | 51.1 | -2.2 |
| FREEHOLD | 34.0 | 1.0 | 36.2 | 3.4 | 32.3 | -8.1 | 54.6 | 4.1 | 61.0 | -7 | 69.9 | -4 | 72.3 | -2.8 | 73.8 | 7 | 66.3 | -1 | 55.3 | -8 | 47.6 | 2.4 | 28.5 | -6.2 | 52.7 | -6 |
| HAMMONTON 2 NNE | 34.1 | -6 | 37.0 | 2.6 | 32.2 | -10.2 | 57.1 | 5.1 | 62.1 | -7 | 71.0M | -5 | 74.8 | -1.4 | 75.1 | 9 | 67.8 | -2 | 55.8 | -5 | 48.1 | 5.0 | 28.4M | -7.7 | 53.6 | -6 |
| HIGH POINT PARK | 24.2 | | 26.5 | | 23.4 | | 49.9 | | 56.6 | | 65.2 | | 68.0 | | 67.2 | | 60.7 | | 50.1 | | 42.9 | | 22.0 | | 46.4 | |
| HIGHTSTOWN 1 N | 33.6 | 9 | 36.1 | 3.4 | 32.4 | -8.3 | 55.1 | 4.5 | 61.2 | -2 | 70.3 | -5 | 72.4 | -2.6 | 74.0 | 1.2 | 65.9 | -2 | 54.5 | -1.5 | 46.8 | 1.8 | 27.4 | -6.9 | 52.5 | -6 |
| INDIAN MILLS 2 W | 33.9 | 1 | 36.3 | 2.5 | 31.8 | -9.5 | 55.7 | 4.5 | 60.2 | -1.9 | 69.4 | -9 | 72.2 | -2.7 | 73.7 | 8 | 66.5 | -5 | 53.7 | -2.4 | 46.2 | 9 | 27.3 | -7.7 | 52.2 | -1.4 |
| JERSEY CITY | 32.4 | -5 | 36.3 | 1.6 | 32.0 | -8.3 | 51.8 | 1.4 | 60.1 | -1.3 | 69.0 | -1.3 | 71.9 | -3.8 | 71.8 | -2.2 | 65.1 | -1.9 | 55.2 | -1.8 | 46.7 | 2.8 | 28.4 | -5.2 | 51.6 | -1.7 |
| LAMBERTVILLE | 33.4 | 1.6 | 36.2 | 3.9 | 32.3 | -7.9 | 55.2 | 4.5 | 60.9 | -7 | 70.3 | 3 | 72.9 | -2.0 | 74.3 | 1.4 | 66.8 | 8 | 54.3 | -1.3 | 45.7 | 1.5 | 26.9 | -6.8 | 52.4 | -4 |
| LAURELTON 1 E | 33.1 | -6 | 36.0 | 2.6 | | | 52.7 | 2.1 | 59.2 | -2.2 | | | 72.1 | -2.6 | 73.2 | 7 | | | | | | | | | | |
| LAYTON 3 NW | 28.9 | 1.9 | 31.3 | 3.6 | 27.8 | -8.5 | 52.2 | 4.8 | 58.0 | -4 | 66.2 | -1.1 | 70.0 | -1.8 | 70.4 | 7 | 63.7 | 1.6 | 50.6 | -1.1 | 41.8 | 1.8 | 22.4 | -6.4 | 48.6 | -4 |
| LITTLE FALLS 1 E | 32.5 | 1.2 | 35.6 | 4.1 | 32.8 | -6.9 | 54.6 | 4.2 | 61.3 | -0 | 69.5 | -1.2 | 72.7 | -2.2 | 73.3 | 5 | 65.8 | 1 | 55.0 | -6 | 47.2 | 2.9 | 27.6 | -6.0 | 52.3 | -3 |
| LONG BRANCH | 34.3 | 1.0 | 36.1 | 3.2 | 32.3 | -7.9 | 52.1 | 2.6 | 59.7 | -1 | 69.8 | 6 | 72.1 | -2.5 | 73.1 | 3 | 66.2 | 1 | 55.8 | -4 | 48.1 | 2.6 | 29.5 | -5.7 | 52.4 | -5 |
| LONG VALLEY | 30.9 | | 33.2 | | 29.2 | | 53.4 | | 59.1 | | 68.4 | | 69.1 | | 70.2 | | 63.0 | | 51.0 | | 41.8 | | 23.7 | | 49.4 | |
| MILLVILLE | 35.7M | | 37.5M | | 33.1 | | 57.5 | | 62.1 | | 71.7 | | 74.2 | | 75.7 | | 68.6M | | 56.0 | | 48.0 | | 29.3 | | 54.1 | |
| MILLVILLE FAA AIRPORT | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MOORESTOWN | 34.6 | 1.4 | 36.3 | 3.1 | 32.8 | -8.3 | 55.5 | 4.5 | 61.1 | -6 | 70.6 | 4 | 73.2 | -2.0 | 74.2 | 1.1 | 66.4 | 1 | 54.0 | -1.9 | 45.9 | 1.1 | 27.8 | -7.0 | 52.7 | -7 |
| MORRIS PLAINS | 30.2 | | 33.2 | | 29.9 | | 52.2 | | 58.3 | | 67.3 | | 70.7 | | 71.3 | | 63.2 | | 52.0 | | 43.7 | | 25.2 | | 49.7 | |
| NEWARK WB AIRPORT | 34.4 | 2.9 | 36.3 | 4.6 | 33.9 | -6.6 | 54.8 | 4.8 | 62.2 | 1.1 | 72.3 | 1.8 | 74.9 | -4 | 75.1 | 2.0 | 67.9 | 1.1 | 57.3 | 1.7 | 48.5 | 3.6 | 30.0 | -4.0 | 54.0 | 1.1 |
| NEW BRUNSWICK EXP STA | 33.0 | 4 | 35.7 | 3.1 | 32.9 | -7.7 | 55.3 | 4.5 | 61.0 | -7 | 70.5 | 5 | 73.0 | -2.1 | 74.1 | 1.0 | 66.7 | 1 | 55.2 | -1.0 | 47.2 | 2.2 | 28.0 | -6.2 | 52.7 | -5 |
| NEWTON | 27.6 | -3 | 31.1 | 3.0 | 27.5 | -9.4 | 52.0 | 3.8 | 57.1 | -2.3 | 66.4 | -1.1 | 69.3 | -3.2 | 70.3 | -1 | 62.5 | -6 | 49.8 | -3.1 | 42.1 | 1.0 | 21.2 | -8.7 | 48.1 | -1 |
| PATERSON | 32.4M | 5 | 35.4 | 3.4 | 32.4 | -7.5 | 56.4 | 3.5 | 61.1 | -1.0 | 70.3 | -4 | 73.5 | -2.4 | 73.5 | -1 | 66.1 | -3 | 56.0 | -3 | 47.8 | 3.0 | 28.3 | -5.8 | 52.6 | -6 |
| PEMBERTON 3 E | 34.5 | 1 | 37.1 | 2.9 | 32.4 | -9.9 | 56.2 | 4.1 | 60.9 | -2.1 | 70.1 | -1.1 | 72.4 | -3.3 | 73.7 | -3 | 66.7 | -8 | 54.7 | -2.3 | 47.0 | 9 | 28.0 | -7.7 | 52.8 | -1.6 |
| PHILLIPSBURG | 33.3 | 2.9 | 35.8 | 4.9 | 31.9 | -7.4 | 56.1 | 5.9 | 61.1 | -3 | 70.1 | 3 | 72.2 | -2.2 | 73.7 | 1.4 | 65.9 | 7 | 53.9 | 1.7 | 46.3 | 3.4 | 26.7 | -5.8 | 52.2 | 4 |
| PLAINFIELD | 33.0 | 8 | 36.2 | 3.8 | 33.4 | -6.8 | 55.0 | 4.3 | 60.6 | -7 | 70.1 | 2 | 72.6 | -2.5 | 73.2 | 1 | 66.2 | 1 | 55.2 | -7 | 46.0 | 1.4 | 27.6 | -6.5 | 52.4 | -6 |
| RIDGEFIELD | 32.7 | 1.5 | 35.6 | 4.1 | 33.3 | -6.4 | 56.4 | 4.2 | | | | | | | | | | | | | | | | | | |
| SHILOH | 35.2M | 4 | 37.6 | 2.8 | 33.4 | -9.4 | 57.1 | 4.6 | 61.3 | -2.0 | 70.8 | -1.0 | 73.6 | -3.0 | 75.3 | 6 | 68.5 | 5 | 56.9 | -4 | 48.4 | 2.3 | 30.1 | -6.0 | 54.0 | -9 |
| SOMERVILLE | 32.5 | 1.0 | 35.3 | 3.4 | 31.7 | -8.3 | 53.9 | 3.6 | 60.5 | -7 | 69.9 | 1 | 72.3 | -2.4 | 73.3 | 5 | 66.1 | 1 | 53.3 | -2.2 | 44.6 | 8 | 25.7 | -7.5 | 51.6 | -1.0 |
| SUSSEX | 27.0 | -1.2 | 30.5 | 1.4 | 26.6 | -11.3 | 51.8 | 2.5 | 58.1 | -2.3 | 65.8 | -3.1 | 68.5 | -4.9 | 69.0 | -2.2 | 62.1M | -1.7 | 51.0 | 2.6 | 42.8 | 7 | 21.6 | -9.0 | 47.9 | -2.8 |
| TOMS RIVER | 34.2 | | 37.3 | | 32.5 | | 53.9 | | 59.8 | | 69.5 | | 72.7 | | 74.1 | | 66.0 | | 53.7 | | 47.0 | | 30.4M | | 52.6 | |
| TRENTON WB CITY | 34.6 | 2.0 | 36.2 | 3.5 | 33.1 | -8.2 | 55.7 | 5.0 | 62.3 | 5 | 71.5 | 7 | 74.1 | -1.2 | 74.5 | 1.3 | 66.7 | 3 | 55.9 | -2 | 48.0 | 2.4 | 29.2 | -5.8 | 53.5 | 0 |
| TUCKERTON | 34.5 | | 37.2 | | 32.3 | | 53.7 | | 59.5 | | 69.8 | | 73.2 | | 74.2 | | 66.7 | | 55.2 | | 47.1 | | 29.2 | | 52.7 | |
| WOODSTOWN | 35.5 | | 37.3 | | 33.7M | | 57.9M | | 61.6 | | 71.7M | | 74.0 | | 76.1M | | 68.1M | | 55.9M | | 47.4M | | 28.7 | | 54.0 | |
| DIVISIONAL AVERAGES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | 31.0 | 5 | 33.9 | 3.1 | 30.5 | -8.5 | 53.4 | 3.7 | 59.5 | -1.2 | 68.5 | -7 | 71.3 | -2.9 | 71.9 | -2 | 64.5 | -5 | 53.1 | -1.6 | 44.8 | 1.5 | 25.3 | -7.2 | 50.6 | -1.2 |
| SOUTHERN | 34.6 | 8 | 36.8 | 3.1 | 32.9 | -8.6 | 55.9 | 4.6 | 61.1 | -1.0 | 70.6 | -1 | 73.4 | -2.1 | 74.6 | 1.1 | 67.3 | 4 | 55.3 | -1.3 | 47.3 | 1.8 | 28.7 | -6.5 | 53.2 | -7 |
| COASTAL | 36.0 | 1.2 | 37.4 | 3.3 | 33.5 | -7.2 | 53.6 | 3.9 | 60.5 | 6 | 70.4 | 1.0 | 72.8 | -1.9 | 74.5 | 9 | 68.3 | 6 | 57.5 | -5 | 49.4 | 2.3 | 32.3 | -4.6 | 53.9 | 0 |

A narrative Special Weather Summary appeared in the March, April, June, July, August, September, November and December issues of this publication for 1960.

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

NEW JERSEY
1960

TABLE 2

| STATION | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|-----------------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure |
| ATLANTIC CITY WB AP | 2.69 | - .79 | 5.71 | 2.62 | 3.67 | -.32 | 2.34 | -.99 | 2.21 | -.77 | .77 | -2.22 | 5.84 | 2.14 | 2.36 | -2.22 | 4.03 | -.66 | 3.08 | -.03 | 1.74 | -1.38 | 3.46 | +.38 | 37.90 | - 2.22 |
| ATLANTIC CITY | 2.21 | -1.57 | 4.01 | +.66 | 2.07 | -1.46 | 2.13 | -1.27 | 2.32 | -.66 | 1.47 | -1.52 | 5.87 | 2.09 | 3.93 | -.79 | 3.50 | -.01 | 2.51 | -.70 | 1.53 | -1.79 | 3.64 | +.33 | 35.19 | - 6.69 |
| AUDUBON | 3.09 | | 3.68 | | 1.81 | | 3.19 | | 4.59 | | 1.69 | | 6.24 | | 4.08 | | 9.05 | | 2.90 | | 2.49 | | 3.48 | | 46.29 | |
| BASS RIVER ST FOREST | 3.36 | | 5.24 | | 3.23 | | 2.07 | | 3.67 | | 1.07 | | 7.13 | | 5.68 | | 4.45 | | 3.08 | | 2.36 | | E3.25 | | E44.59 | |
| BELLEPLAIN | 3.49 | -.13 | 5.12 | 2.12 | E4.08 | - .23 | 2.72 | -.84 | 3.44 | -.63 | 1.91 | -.52 | E7.52 | 3.34 | 3.82 | -2.06 | 4.05 | +.01 | 1.50 | -2.14 | E1.60 | -2.58 | E3.06 | -.47 | E42.31 | - 4.13 |
| BELMAR | 3.66 | | 4.72 | | 1.68 | | 2.22 | | E2.59 | | 3.05 | | 6.83 | | 4.54 | | E6.57 | | E2.03 | | E2.58 | | E3.28 | | E43.75 | |
| BELOVIDERE | 3.07 | -.71 | 3.13 | +.10 | 2.14 | -2.10 | 4.67 | +.73 | 4.09 | -.14 | 3.34 | -1.06 | 5.47 | +.10 | 6.73 | 1.57 | 7.60 | 3.87 | 1.36 | -2.05 | 2.78 | -1.25 | 2.44 | -1.20 | 46.82 | - 2.14 |
| BERNARDSVILLE 2 E | 3.52 | | 5.12 | | 2.75 | | 4.18 | | 3.64 | | 2.34 | | 7.20 | | 6.35 | | 7.26 | | 1.40 | | 2.57 | | 3.25 | | 49.58 | |
| BLACKWELLS HILLS | 3.51 | | 4.48 | | 1.74 | | 4.78 | | 3.26 | | 1.47 | | 9.52 | | 3.96 | | 7.13 | | 2.35 | | 2.41 | | 1.96 | | 46.57 | |
| BOONTON 2 SE | 3.76 | +.47 | 5.05 | 2.48 | 2.14 | -1.87 | 4.39 | +.69 | 4.29 | -.06 | 1.73 | -2.33 | 7.81 | 3.61 | 8.81 | 3.85 | 7.51 | 3.23 | 1.66 | -1.56 | 2.14 | -1.98 | 2.37 | -.87 | 51.66 | 5.66 |
| BOUND BROOK 1 W | 3.38 | | 4.21 | | 1.20 | | 3.65 | | 4.00 | | 1.71 | | 8.27 | | 4.05 | | 7.43 | | 2.25 | | 2.33 | | 2.07 | | 44.55 | |
| BRANCHVILLE | 3.60 | | 2.91 | | 2.31 | | 4.32 | | 4.02 | | 3.96 | | 9.03 | | 7.70 | | 7.08 | | 2.38 | | 1.90 | | 2.19 | | 53.40 | |
| BURLINGTON | 3.42 | +.07 | 4.56 | 1.82 | 2.16 | -2.35 | 2.39 | -1.03 | 3.84 | -.24 | 1.61 | -1.92 | 5.43 | 1.19 | 2.93 | -1.66 | 7.08 | 3.35 | 3.71 | -.31 | 2.46 | -1.28 | E4.09 | 1.15 | E43.18 | 1.79 |
| CANISTEAR RESERVOIR | 3.89 | | 4.47 | | 2.24 | | 4.36 | | 4.00 | | 3.26 | | 8.16 | | 7.17 | | 7.10 | | 1.15 | | 2.46 | | 2.55 | | 50.81 | |
| CANOE BROOK | 3.16 | -.65 | 4.78 | 1.96 | 1.90 | -2.46 | 3.87 | +.01 | 5.87 | 1.34 | 1.27 | -2.94 | 6.31 | 1.69 | 5.61 | +.19 | 7.16 | 2.77 | 1.56 | -1.68 | 2.47 | -1.76 | 2.84 | -.68 | 46.80 | - 2.21 |
| CANTON | 2.18 | | E3.46 | | E .78 | | 2.99 | | 2.35 | | 2.72 | | 8.15 | | 2.90 | | 9.75 | | 2.31 | | 1.97 | | E2.36 | | E41.92 | |
| CAPE MAY 3 W | 2.62 | | 3.89 | | 2.04 | | 1.80 | | 3.23 | | 1.40 | | 5.67 | | 4.63 | | 7.52 | | 2.65 | | 1.43 | | E3.08 | | E39.96 | |
| CEDAR GROVE | 3.11 | | 5.39 | | 2.22 | | 3.49 | | E4.43 | | E1.49 | | 11.05 | | 6.72 | | 8.03 | | 1.65 | | 2.78 | | 3.70 | | E54.06 | |
| CHARLOTTEBURG | 3.58 | -.21 | 4.95 | 1.93 | 2.68 | -1.91 | 4.16 | +.07 | 4.80 | +.39 | 3.56 | -.93 | 7.02 | 2.29 | 7.45 | 2.47 | 8.49 | 4.09 | 1.51 | -2.26 | 2.76 | -1.93 | 2.84 | -1.11 | 53.80 | 2.89 |
| CHATHAM | 3.14 | -.73 | 4.53 | 1.46 | 2.48 | -2.09 | 3.45 | -.54 | 4.94 | +.51 | 1.08 | -3.14 | E6.94 | 2.38 | 5.31 | -.22 | 6.92 | 2.45 | 1.28 | -1.95 | 2.35 | -1.96 | 3.86 | +.07 | E46.28 | - 3.76 |
| CHATSORTH | | | | | | | | | 2.43 | | | | 7.39 | | 6.27 | | 10.30 | | 2.38 | | 1.96 | | E3.63 | | | |
| CLAYTON | 2.55 | | E4.03 | | 2.21 | | 3.33 | | 3.97 | | 1.23 | | 5.05 | | 2.75 | | 12.89 | | 2.00 | | 1.76 | | 3.55 | | E45.32 | |
| CLINTON | 3.68 | | 3.67 | | 2.43 | | 2.87 | | 4.25 | | 1.79 | | 6.25 | | 3.85 | | 5.96 | | 1.38 | | 2.29 | | 2.75 | | 41.17 | |
| ELIZABETH | 2.74 | -1.41 | 4.95 | 1.89 | 2.39 | -2.08 | 2.60 | -1.26 | 4.13 | -.21 | 1.15 | -2.76 | 8.05 | 3.67 | 4.76 | -.25 | 8.03 | 3.69 | 2.74 | -.57 | 2.46 | -1.46 | 5.17 | 1.75 | 49.17 | 1.00 |
| ELIZABETHPORT | 3.18 | | 4.73 | | 1.95 | | 2.86 | | 4.06 | | 1.01 | | 9.77 | | 5.13 | | 7.17 | | 2.06 | | 2.23 | | 2.74 | | 46.89 | |
| ESSEX FELS SERV BLDG | 3.03 | | 5.37 | | 2.98 | | 3.75 | | 6.02 | | E1.12 | | 8.46 | | 4.58 | | 6.88 | | 1.57 | | 1.60 | | E4.01 | | E49.37 | |
| FLEMINGTON 1 NE | 3.97 | +.61 | 4.02 | 1.39 | 2.00 | -2.13 | 3.70 | +.05 | 3.45 | -.89 | .87 | -3.05 | 8.39 | 4.01 | 3.19 | -2.14 | 7.64 | 4.15 | 3.08 | -.10 | 2.82 | -.94 | 2.46 | -.89 | 45.59 | +.07 |
| FORTESCUE | 2.53 | | 3.64 | | 1.69 | | 3.11 | | 4.61 | | 1.67 | | 7.60 | | 4.66 | | 7.45 | | 1.40 | | 2.04 | | 2.65 | | 43.05 | |
| FREEMOLD | 4.21 | +.57 | 5.11 | 2.16 | 2.91 | -.75 | 2.24 | -1.32 | 5.06 | +.93 | 4.10 | -.37 | 9.40 | 3.38 | 5.10 | +.10 | 7.19 | 3.32 | 1.81 | -1.71 | 2.71 | -1.35 | 3.79 | +.41 | 52.17 | 6.11 |
| GREENWOOD LAKE | 4.34 | | 4.75 | | 2.91 | | 3.65 | | 4.50 | | 5.60 | | 7.09 | | 5.60 | | 7.88 | | 1.89 | | 2.99 | | 2.99 | | 56.19 | |
| HAMMONTON 2 NNE | 2.84 | -.85 | 3.93 | +.87 | E2.52 | -1.78 | 2.31 | -1.36 | 4.06 | -.09 | .85 | -3.19 | 7.72 | 3.53 | 2.81 | -3.14 | 12.05 | 8.56 | 2.34 | -1.33 | 1.71 | -2.06 | 2.75 | -.39 | E45.87 | - 1.23 |
| HIGH POINT PARK | 2.98 | | 1.95 | | 1.39 | | 3.53 | | 3.23 | | 4.16 | | 4.23 | | 2.93 | | 7.61 | | 2.16 | | 1.82 | | 3.19 | | 33.49 | |
| HIGHTSTOWN 1 N | 3.7 | +.51 | 4.18 | 1.59 | 1.37 | -2.53 | 2.74 | -.56 | 2.59 | -1.25 | 3.57 | -.43 | 9.13 | 4.88 | 2.95 | -1.82 | 8.16 | 4.05 | 3.08 | -.19 | 2.17 | -1.30 | 3.60 | +.68 | 47.33 | 3.63 |
| INDIAN HILLS 2 W | 2.92 | -.80 | 4.34 | 1.42 | 2.74 | -1.50 | 2.54 | -.92 | 3.09 | -1.01 | 1.44 | -2.61 | 8.35 | 4.51 | 3.88 | -1.73 | 9.44 | 5.99 | 2.41 | -.94 | 1.86 | -1.94 | 3.18 | +.06 | 46.19 | +.53 |
| IRVINGTON | 3.03 | | 4.67 | | 2.13 | | 3.05 | | 4.11 | | 1.45 | | 6.68 | | 4.71 | | 5.95 | | 2.39 | | 2.59 | | 3.47 | | 44.23 | |
| JERSEY CITY | 3.27 | -.18 | 4.72 | 1.96 | E2.38 | -1.62 | 2.88 | -.57 | 2.54 | -1.41 | 1.96 | -1.56 | 10.10 | 6.14 | 5.14 | +.64 | 7.03 | 3.17 | 3.46 | +.48 | 3.34 | -.07 | 3.22 | +.04 | E50.06 | 7.02 |
| LAMBERTVILLE | 3.56 | +.12 | 4.02 | 1.43 | 2.37 | -1.74 | 2.35 | -1.24 | 4.27 | -.10 | 1.71 | -2.24 | 8.12 | 3.65 | 5.13 | -.25 | 7.07 | 3.78 | 2.28 | -.71 | 2.26 | -1.52 | 2.50 | -.65 | 45.64 | +.53 |
| LAURELTON 1 E | 3.59 | +.26 | 5.69 | 2.59 | - | | 1.81 | -1.91 | 2.88 | -1.28 | - | | 5.80 | 2.00 | 3.47 | -1.67 | - | | - | | - | - | - | - | - | - |
| LAYTON 3 NW | 2.31 | +.60 | 3.91 | 1.63 | 1.43 | -2.05 | 3.45 | -.32 | 4.08 | -.03 | 4.23 | +.02 | 5.82 | +.91 | 5.16 | +.61 | 8.11 | 4.36 | 2.11 | -1.26 | 1.62 | -2.21 | 2.04 | -.70 | 44.27 | +.36 |
| LITTLE FALLS 1 E | 3.24 | -.51 | E5.36 | 2.43 | 2.45 | -1.95 | 3.78 | -.46 | 4.59 | +.01 | 1.23 | -3.22 | 9.64 | 5.34 | 6.16 | -.89 | 6.62 | 2.02 | 1.27 | -2.22 | 1.86 | -2.54 | 3.23 | -.59 | E49.63 | -.76 |
| LONG BRANCH | 4.11 | +.18 | 5.67 | 2.30 | 4.17 | -.12 | 2.75 | -.79 | 1.85 | -1.79 | 2.66 | -.93 | 8.23 | 4.14 | 7.21 | 1.84 | 7.72 | 3.71 | 2.58 | -.92 | 2.63 | -1.31 | 3.62 | +.08 | 53.20 | 6.39 |
| DONG VALLEY | 2.91 | -.70 | E4.80 | 1.94 | E3.87 | -.48 | 3.90 | -.09 | 1.81 | 1.51 | 2.07 | -2.22 | 8.88 | 3.74 | 7.65 | +.34 | 6.86 | 2.97 | 1.52 | -1.92 | 2.35 | -2.01 | E3.20 | -.36 | E51.82 | 2.90 |
| MACOPIN INTAKE | 3.71 | | 4.88 | | 2.58 | | 3.84 | | 4.92 | | 2.79 | | 7.90 | | 7.92 | | 7.92 | | 1.54 | | E2.76 | | E2.84 | | E52.30 | |
| MANAWA | 3.28 | | 4.00 | | 1.73 | | 4.03 | | 4.98 | | 2.58 | | 9.72 | | 7.75 | | 7.49 | | 1.83 | | 2.93 | | 2.14 | | 50.16 | |
| MANVILLE | E3.52 | | E3.80 | | E2.69 | | 2.81 | | 4.89 | | 1.31 | | 8.14 | | 3.45 | | 6.42 | | 2.29 | | 2.21 | | E3.41 | | E44.94 | |
| MAYS LANDING | E2.97 | | 4.98 | | 3.24 | | 1.62 | | 2.67 | | .75 | | 8.00 | | 3.31 | | 6.67 | | 3.86 | | 1.99 | | 4.68 | | E44.74 | |
| MIDLAND PARK | 3.28 | | 5.08 | | 2.67 | | 3.16 | | 4.50 | | 1.53 | | 9.60 | | 6.90 | | 6.54 | | 1.82 | | 2.62 | | 2.90 | | 50.60 | |
| MILLVILLE | 2.44 | | 4.15 | | 2.38 | | 2.54 | | 4.44 | | 2.22 | | 6.31 | | 5.51 | | 8.07 | | 2.54 | | 1.73 | | 3.11 | | 45.49 | |
| MILLVILLE FAA AIRPORT | | | | | | | | | | | | | 7.68 | | 4.57 | | 6.05 | | 2.19</ | | | | | | | |

TEMPERATURE EXTREMES AND FREEZE DATA

NEW JERSEY
1960

Table 3

| Station | | Highest | Date | Lowest | Date | Last spring minimum of | | | | | | | | | | First fall minimum of | | | | | | | | | | Number of days between dates | | | | |
|-----------------------|----|---------|------|----------|------|------------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|-----------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-----|------------------------------|--------------|--------------|--------------|--------------|
| | | | | | | 16° or below | | 20° or below | | 24° or below | | 28° or below | | 32° or below | | 32° or below | | 28° or below | | 24° or below | | 20° or below | | 16° or below | | 16° or below | 20° or below | 24° or below | 28° or below | 32° or below |
| | | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | | | |
| | | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | | | |
| ATLANTIC CITY WB AP | 93 | 8-30+ | 6 | 12-23 | 3-12 | 13 | 3-26 | 20 | 3-26 | 20 | 4-11 | 27 | 4-11 | 27 | 10-26 | 31 | 11-8 | 26 | 12-2 | 19 | 12-9 | 15 | 272 | 251 | 251 | 211 | 198 | | | |
| ATLANTIC CITY | 91 | 8-3+ | 11 | 12-24+ | 3-11 | 13 | 3-13 | 20 | 3-15 | 23 | 4-11 | 27 | 4-11 | 27 | 11-7 | 32 | 12-1 | 26 | 12-2 | 22 | 12-9 | 17 | 12-12 | 12 | 276 | 271 | 262 | 250 | 210 | |
| AUDUBON | 94 | 8-30 | 4 | 12-23 | 3-11 | 15 | 3-13 | 20 | 3-26 | 21 | 3-27 | 26 | 3-27 | 26 | 10-22 | 32 | 11-8 | 24 | 11-8 | 24 | 12-9 | 15 | 12-9 | 15 | 273 | 271 | 227 | 226 | 209 | |
| BELLEPLAIN | 93 | 8-30 | - | - | 3-16 | 15 | 3-16 | 15 | 3-22 | 24 | 4-20 | 28 | 4-20 | 28 | 10-21 | 29 | 10-22 | 28 | - | - | - | - | - | - | - | - | 185 | 184 | | |
| BELVIDERE | 91 | 4-23 | 8 | 12-23 | 3-26 | 15 | 3-27 | 20 | 3-27 | 20 | 4-11 | 27 | 4-20 | 29 | 10-21 | 28 | 10-21 | 28 | 11-8 | 17 | 11-8 | 17 | 12-4 | 16 | 253 | 226 | 226 | 193 | 184 | |
| BOONTON 2 SE | 90 | 8-31 | 0 | 12-29+ | 3-26 | 15 | 3-27 | 20 | 3-27 | 20 | 4-11 | 25 | 4-20 | 30 | 10-21 | 30 | 10-22 | 28 | 11-8 | 20 | 11-8 | 20 | 12-9 | 15 | 258 | 226 | 226 | 194 | 184 | |
| BURLINGTON | 94 | 8-3 | 7 | 12-23+ | 3-12 | 16 | 3-26 | 20 | 3-26 | 20 | - | - | 5-2 | 32 | 11-8 | 25 | 11-8 | 25 | 12-9 | 15 | 12-9 | 15 | 12-9 | 15 | 272 | 258 | 258 | - | 190 | |
| CANOE BROOK | 92 | 8-31 | -10 | 12-20 | 3-16 | 13 | 3-27 | 19 | 4-11 | 23 | 4-20 | 28 | 5-4 | 32 | 10-21 | 29 | 10-22 | 27 | 11-7 | 23 | 11-8 | 18 | 12-9 | 13 | 268 | 226 | 210 | 185 | 170 | |
| CAPE MAY 3 W | 95 | 8-30 | 11 | 12-24 | 3-7 | 16 | 3-12 | 17 | 3-13 | 23 | 3-26 | 25 | 3-27 | 30 | 11-8 | 32 | 12-9 | 20 | 12-9 | 20 | 12-9 | 20 | 12-13 | 13 | 281 | 272 | 277 | 258 | 222 | |
| CHARLOTTEBURG | 88 | 8-31+ | 9 | 12-24+ | 3-27 | 14 | 3-27 | 14 | 4-11 | 24 | 4-20 | 26 | 5-4 | 32 | 10-2 | 31 | 10-23 | 26 | 11-8 | 16 | 11-8 | 16 | 11-8 | 16 | 226 | 226 | 211 | 186 | 151 | |
| CHATSORTH | - | - | - | 12-20 | NONE | - | - | - | - | - | - | - | 5-3 | 32 | 10-21 | 30 | 11-7 | 27 | 11-8 | 19 | 11-8 | 19 | 12-2 | 15 | - | - | - | - | 171 | |
| CLAYTON | 92 | 8-30+ | - | 12-22 | 3-12 | 15 | 3-26 | 18 | 3-26 | 18 | 3-27 | 25 | 4-11 | 29 | 10-21 | 31 | 10-26 | 28 | 11-7 | 24 | 11-8 | 18 | 12-9 | 11 | 272 | 227 | 226 | 213 | 193 | |
| ELIZABETH | 94 | 8-30 | 0 | 12-24+ | 3-13 | 16 | 3-26 | 17 | 4-11 | 21 | 4-11 | 21 | 5-10 | 32 | 10-21 | 30 | 11-7 | 25 | 11-8 | 20 | 11-8 | 20 | 12-9 | 11 | 271 | 227 | 211 | 210 | 164 | |
| ESSEX FELS SERV BLDG | 92 | 8-29 | 2 | 12-28 | 3-25 | 16 | 3-27 | 20 | - | - | - | - | 10-22 | 32 | 11-7 | 26 | 11-8 | 22 | 12-9 | 16 | 12-9 | 16 | 12-9 | 16 | 259 | 227 | 211 | 184 | 151 | |
| FLEMINGTON 1 NE | 95 | 7-13 | 6 | 12-23 | 3-27 | 15 | 3-27 | 15 | 4-11 | 22 | 4-20 | 25 | 5-10 | 32 | 10-8 | 31 | 10-21 | 26 | 11-7 | 22 | 11-8 | 15 | 11-8 | 15 | 226 | 226 | 210 | 184 | 151 | |
| FREEHOLD | 92 | 8-3 | 4 | 12-23+ | 3-13 | 15 | 3-26 | 18 | 3-26 | 18 | 4-11 | 28 | 4-19 | 32 | 10-21 | 32 | 11-7 | 27 | 11-8 | 23 | 12-2 | 18 | 12-9 | 12 | 271 | 251 | 227 | 210 | 185 | |
| HAMMONTON 2 NNE | 94 | 8-31 | 2 | 12-19 | 3-12 | 11 | 3-26 | 19 | 3-26 | 19 | 3-27 | 27 | 4-11 | 31 | 10-22 | 32 | 11-8 | 26 | 12-2 | 20 | 12-2 | 20 | 12-9 | 13 | 272 | 251 | 251 | 226 | 194 | |
| HIGH POINT PARK | 88 | 8-31 | - | 5 12-24 | 3-27 | 13 | 4-11 | 20 | 4-11 | 20 | 4-11 | 20 | 5-3 | 32 | 10-21 | 29 | 11-6 | 27 | 11-7 | 20 | 11-7 | 20 | 12-2 | 14 | 250 | 210 | 210 | 209 | 171 | |
| HIGHTSTOWN 1 N | 94 | 8-29 | 3 | 12-23 | 3-12 | 10 | 3-26 | 19 | 3-26 | 19 | 4-11 | 28 | 4-20 | 32 | 10-21 | 32 | 11-7 | 28 | 11-8 | 21 | 12-9 | 13 | 12-9 | 13 | 272 | 258 | 227 | 210 | 184 | |
| INDIAN MILLS 2 W | 94 | 8-30 | - | 3 12-23 | 3-16 | 14 | 3-26 | 17 | 4-11 | 23 | 4-19 | 28 | 5-4 | 30 | 10-21 | 28 | 10-21 | 28 | 11-8 | 17 | 11-8 | 17 | 12-2 | 14 | 261 | 227 | 211 | 185 | 170 | |
| JERSEY CITY | 89 | 8-29 | 6 | 12-13 | 3-12 | 16 | 3-26 | 20 | 3-26 | 20 | 4-10 | 32 | 4-10 | 32 | 11-7 | 31 | 11-8 | 28 | 12-1 | 24 | 12-8 | 19 | 12-9 | 15 | 272 | 257 | 250 | 227 | 211 | |
| LAMBERTVILLE | 96 | 8-29 | - | 3 12-23 | 3-15 | 15 | 3-26 | 18 | 3-27 | 22 | 4-11 | 25 | 5-2 | 32 | 10-21 | 30 | 11-7 | 25 | 11-8 | 20 | 11-8 | 20 | 12-9 | 14 | 269 | 227 | 226 | 210 | 172 | |
| LAURELTON 1 E | 93 | 8-29 | - | - | - | - | - | - | - | - | 4-11 | 25 | 4-20 | 30 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| LAYTON 3 NW | 90 | 8-8+ | -13 | 12-28+ | 3-27 | 12 | 4-11 | 17 | 4-20 | 21 | 5-2 | 25 | 5-4 | 29 | 10-21 | 29 | 10-22 | 22 | 10-22 | 22 | 11-7 | 19 | 11-8 | 13 | 226 | 210 | 185 | 173 | 170 | |
| LITTLE FALLS 1 E | 93 | 8-31+ | 0 | 12-23 | 3-12 | 13 | 3-26 | 17 | 3-27 | 22 | 4-11 | 28 | 4-20 | 32 | 10-22 | 31 | 11-7 | 26 | 11-8 | 21 | 12-9 | 15 | 12-9 | 15 | 272 | 258 | 226 | 210 | 185 | |
| LONG BRANCH | 94 | 8-29 | 8 | 12-24+ | 3-12 | 11 | 3-13 | 20 | 3-26 | 21 | 3-27 | 28 | 4-11 | 29 | 11-8 | 25 | 11-8 | 25 | 12-2 | 21 | 12-9 | 15 | 12-9 | 15 | 272 | 271 | 251 | 226 | 211 | |
| LONG VALLEY | 90 | 8-30+ | -13 | 12-23 | 3-26 | 13 | 3-27 | 18 | 3-27 | 18 | 4-20 | 28 | 5-4 | 30 | 10-2 | 30 | 10-21 | 26 | 10-22 | 24 | 11-8 | 14 | 11-8 | 14 | 227 | 226 | 209 | 184 | 151 | |
| MILLVILLE | 93 | 8-31+ | 6 | 12-23 | 3-12 | 16 | 3-15 | 20 | 3-26 | 22 | 3-27 | 27 | 4-11 | 32 | 11-7 | 32 | 11-8 | 26 | 12-2 | 19 | 12-2 | 19 | 12-9 | 16 | 272 | 262 | 251 | 226 | 210 | |
| MILLVILLE FAA AIRPORT | - | - | 4 | 12-23 | - | - | - | - | - | - | - | - | - | - | 10-21 | 31 | 11-7 | 27 | 11-8 | 23 | 12-2 | 18 | 12-9 | 15 | - | - | - | - | - | |
| MOORESTOWN | 93 | 8-30 | 3 | 12-23 | 3-12 | 13 | 3-26 | 20 | 3-26 | 20 | 3-27 | 28 | 4-11 | 29 | 10-21 | 31 | 11-7 | 26 | 11-8 | 21 | 12-8 | 20 | 12-9 | 14 | 272 | 257 | 227 | 225 | 193 | |
| MORRIS PLAINS | 90 | 8-31+ | - | 5 12-23 | 3-26 | 15 | 3-27 | 20 | 4-11 | 22 | 4-20 | 28 | 5-4 | 31 | 10-21 | 28 | 10-21 | 28 | 11-8 | 17 | 11-8 | 17 | 12-9 | 12 | 258 | 226 | 211 | 184 | 170 | |
| NEWARK WB AIRPORT | 94 | 8-29 | 8 | 12-13 | 3-11 | 14 | 3-26 | 19 | 3-26 | 19 | 3-27 | 27 | 4-11 | 32 | 11-8 | 28 | 11-8 | 28 | 12-2 | 20 | 12-2 | 20 | 12-12 | 9 | 276 | 257 | 257 | 226 | 211 | |
| NEW BRUNSWICK EXP STA | 90 | 8-30+ | 1 | 12-23 | 3-12 | 12 | 3-26 | 19 | 3-26 | 19 | 4-11 | 28 | 4-11 | 28 | 10-21 | 32 | 11-8 | 23 | 11-8 | 23 | 12-2 | 20 | 12-9 | 12 | 272 | 251 | 227 | 211 | 193 | |
| NEWTON | 90 | 8-30+ | -11 | 12-23 | 3-26 | 12 | 3-27 | 17 | 3-27 | 17 | 4-20 | 26 | 5-10 | 31 | 10-2 | 31 | 10-22 | 27 | 11-8 | 17 | 11-8 | 17 | 12-9 | 11 | 258 | 226 | 226 | 185 | 145 | |
| PATERSON | 95 | 8-31 | 6 | 12-24+ | 3-12 | 16 | 3-26 | 17 | 3-27 | 22 | 3-27 | 22 | 4-11 | 30 | 11-7 | 30 | 11-8 | 26 | 12-3 | 24 | 12-9 | 15 | 12-9 | 15 | 272 | 258 | 251 | 226 | 210 | |
| PEMBERTON 3 E | 93 | 8-30 | - | 2 12-20 | 3-16 | 15 | 3-26 | 17 | 3-27 | 21 | 4-11 | 26 | 5-5 | 30 | 10-21 | 29 | 10-22 | 28 | 11-8 | 17 | 11-8 | 17 | 12-2 | 15 | 261 | 227 | 226 | 194 | 169 | |
| PHILLIPSBURG | 91 | 8-30+ | - | 2 12-23 | 3-26 | 12 | 3-26 | 12 | 3-27 | 23 | 4-11 | 28 | 4-20 | 30 | 10-13 | 31 | 11-7 | 28 | 11-8 | 21 | 12-4 | 20 | 12-9 | 12 | 258 | 253 | 226 | 210 | 176 | |
| PLAINFIELD | 93 | 8-30 | 0 | 12-23 | 3-12 | 10 | 3-26 | 18 | 3-27 | 22 | 4-11 | 26 | 4-20 | 31 | 10-21 | 30 | 11-7 | 26 | 11-8 | 20 | 11-8 | 20 | 12-9 | 15 | 272 | 227 | 226 | 210 | 184 | |
| RIOGEFIELD | - | - | - | - | 3-12 | 14 | 3-26 | 18 | 3-27 | 26 | 4-11 | 29 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| SHILOH | 91 | 8-30+ | 7 | 12-24+ | 3-12 | 13 | 3-26 | 20 | 3-26 | 20 | 3-26 | 20 | 4-11 | 31 | 10-26 | 31 | 11-8 | 27 | 12-2 | 22 | 12-2 | 14 | 12-9 | 14 | 272 | 258 | 251 | 227 | 198 | |
| SOMERVILLE | 92 | 8-30+ | - | 4 12-23+ | 3-26 | 16 | 3-27 | 19 | 4-11 | 24 | 4-20 | 28 | 5-4 | 32 | 10-21 | 29 | 10-22 | 28 | 11-8 | 18 | 11-8 | 18 | 12-9 | 13 | 258 | 226 | 211 | 185 | 170 | |
| SUSSEX | 88 | 8-30 | -10 | 12-24 | 3-27 | 13 | 3-27 | 13 | 4-11 | 24 | 4-11 | 24 | 4-21 | 30 | 10-22 | 29 | 11-7 | 24 | 11-7 | 24 | 11-8 | 17 | 12-9 | 10 | 257 | 226 | 210 | 210 | 184 | |
| TOMS RIVER | 95 | 8-30+ | 5 | 3-11 | 3-26 | 15 | 3-27 | 20 | 4-11 | 22 | 4-20 | 28 | 5-4 | 31 | 10-21 | 29 | 10-22 | 26 | 11-8 | 18 | 11-8 | 18 | 12-2 | 13 | 251 | 226 | 211 | 185 | 170 | |
| TRENTON WB CITY | 92 | 8-29+ | 9 | 12-24+ | 3-12 | 16 | 3-13 | 20 | 3-26 | 21 | 3-26 | 21 | 4-11 | 32 | 11-8 | 29 | 12-1 | 26 | 12-8 | 21 | 12-9 | 16 | 12-9 | 16 | 272 | 271 | 257 | 250 | 211 | |
| TUCKERTON | 91 | 8-21+ | - | 2 12-23 | 3-16 | 14 | 3-26 | 17 | 3-27 | 21 | 4-10 | 25 | 4-20 | 30 | 10-21 | 30 | 10-22 | 28 | 11-8 | 20 | 11-8 | 20 | 12-9 | 12 | 268 | 227 | 226 | 195 | 184 | |
| WOOSTOWN | 93 | 8-30 | 1 | 12-20 | 3-12 | 15 | 3-26 | 20 | 3-27 | 24 | 4-11 | 28 | 4-19 | 32 | 10-21 | 32 | 10-26 | 28 | 11-8 | 21 | 12-9 | 14 | 12-9 | 14 | 272 | 258 | 226 | 198 | 185 | |

SOIL TEMPERATURES

NEW JERSEY
1960

| Station and Depth | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|------------------------------|---------|----------|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|-----------|----------|---------|----------|----------|----------|----------|----------|---------|----------|
| | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes |
| <u>NEW BRUNSWICK EXP STA</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT # 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | 33.1 | 43/30 | 34.2 | 50/28 | 32.7 | 55/27 | 49.9 | 68/38 | 59.6 | 76/46 | 71.1 | 90/58 | 74.4 | 92/63 | 73.5 | 82/62 | 67.0 | 80/58 | 54.7 | 67/41 | 45.3 | 57/36 | 32.3 | 47/24 | 52.3 | 92/24 |
| 2 INCHES | 33.2 | 42/30 | 34.4 | 48/29 | 32.8 | 53/28 | 50.0 | 66/38 | 59.1 | 74/46 | 70.8 | 88/58 | 73.7 | 90/63 | 72.6 | 79/65 | 67.0 | 77/59 | 55.1 | 64/41 | 45.7 | 56/38 | 33.5 | 43/28 | 52.3 | 90/28 |
| 4 INCHES | 33.1 | 42/30 | 34.1 | 48/28 | 32.7 | 53/28 | 49.7 | 66/38 | 57.6 | 71/48 | 68.5 | 77/61 | 72.1 | 80.65 | 72.5 | 79/64 | 66.6 | 77/60 | 54.6 | 64/40 | 45.6 | 56/38 | 31.5 | 44/26 | 51.6 | 80/26 |
| 8 INCHES | 34.1 | 40/32 | 34.7 | 44/31 | 33.6 | 49/30 | 48.8 | 56/40 | 56.6 | 63/49 | 67.3 | 73/61 | 71.0 | 75/67 | 72.1 | 76/67 | 67.0 | 75/62 | 55.9 | 64/44 | 46.8 | 55/42 | 36.1 | 43/32 | 52.0 | 76/30 |
| 12 INCHES | 35.0 | 39/33 | 35.2 | 42/32 | 38.8 | 46/31 | 48.5 | 54/42 | 55.6 | 61/50 | 66.0 | 70/60 | 70.1 | 72/67 | 71.2 | 74/68 | 67.2 | 74/63 | 57.2 | 64/51 | 47.9 | 55/44 | 37.6 | 45/34 | 52.1 | 74/31 |
| 16 INCHES | 35.7 | 39/33 | 35.7 | 42/32 | 34.2 | 44/32 | 47.3 | 53/42 | 55.0 | 60/50 | 65.0 | 68/59 | 69.3 | 72.67 | 70.3 | 72/68 | 67.0 | 71/63 | 57.7 | 64/50 | 48.5 | 55/45 | 39.1 | 47/35 | 52.1 | 72/32 |
| <u>NEW BRUNSWICK EXP STA</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT # 2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | 43.9 | 59/32 | 31.2 | 46/27 | - | --/-- |
| 2 INCHES | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | 43.8 | 59/32 | 31.7 | 46/27 | - | --/-- |
| 4 INCHES | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | 44.1 | 58/33 | 32.1 | 44/29 | - | --/-- |
| 8 INCHES | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | 45.2 | 55/38 | 34.1 | 43/31 | - | --/-- |

Monthly average are obtained by taking the average of max and min values.

Plot # 1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-Constantan Thermocouples connected to a Brown Elektronik Potentiometer.

Plot # 2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with Copper-Constantan Thermocouples.

CHANGES IN STATION NAMES

NEW NAME

CHATSWORTH
HIGHTSTOWN 1 N
SUSSEX

OLD NAME

CHATSWORTH 5 S
HIGHTSTOWN PUMPING STA
SUSSEX 3 N

DATE

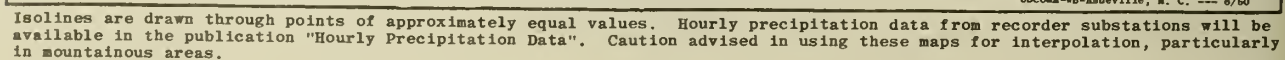
April 1960
April 1960
MARCH 1960

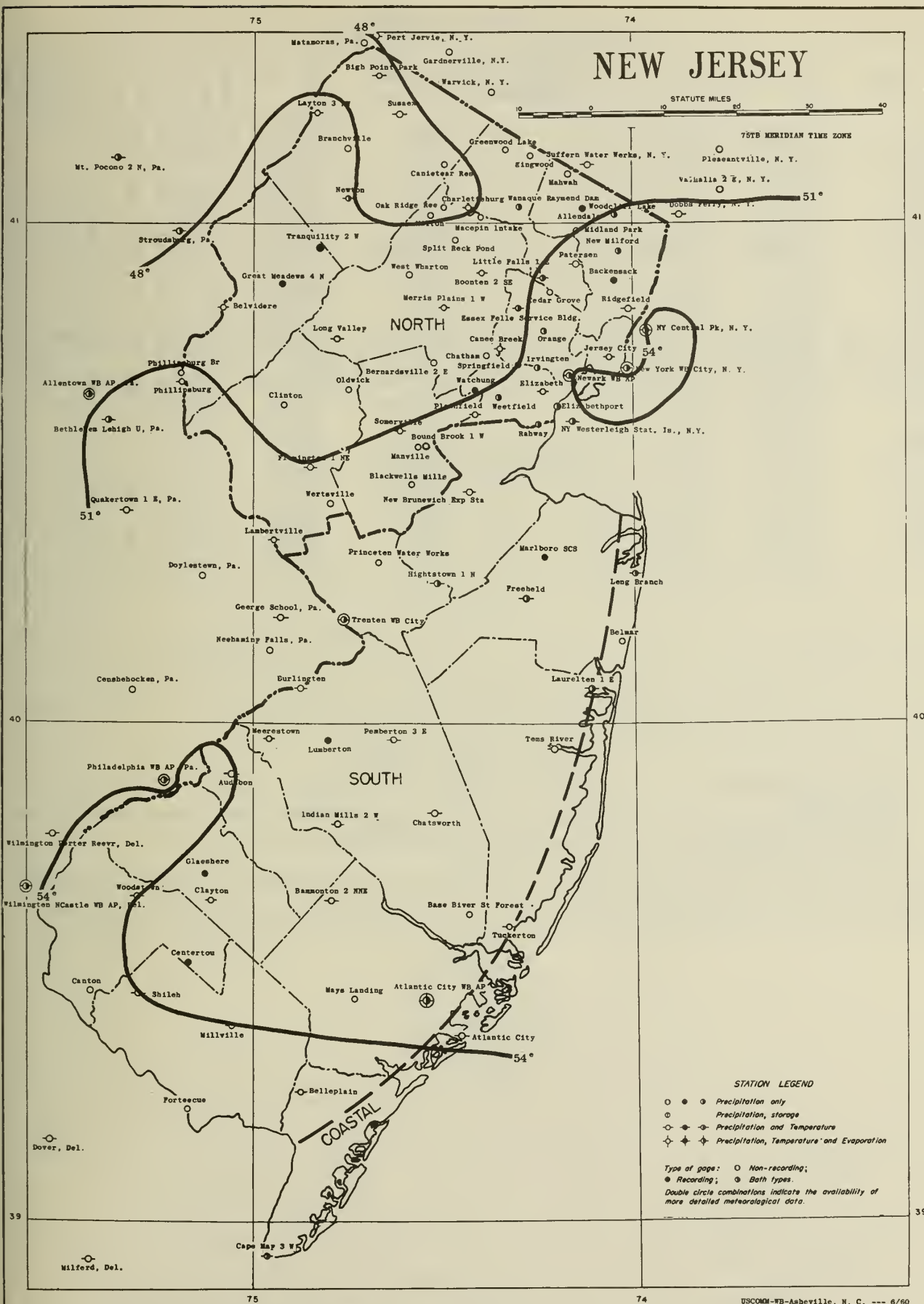
RELOCATION AND CHANGES OF EQUIPMENT

BRANCHVILLE
CHATSWORTH
HIGHTSTOWN PUMPING STA
SUSSEX

All equipment moved 200 feet NE
All equipment moved 5.3 miles N
All equipment moved 150 feet NE
All equipment moved 2.5 miles SW

November 1, 1959
April 22, 1960
August 15, 1959
March 19, 1960





Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
1980

| Station | Index No. | County | Drainage ⁺⁺ | Latitude | Longitude | Elevation | Years of record | | Opened or closed during yr. | Refer to tables | Station | Index No. | County | Drainage ⁺⁺ | Latitude | Longitude | Elevation | Years of record | | Opened or closed during yr. | Refer to tables |
|----------------------|-----------|------------|------------------------|----------|-----------|-----------|-----------------|---------|-----------------------------|-----------------|-----------------------|-----------|------------|------------------------|----------|-----------|-----------|-----------------|---------|-----------------------------|-----------------|
| | | | | | | | Temp. | Precip. | | | | | | | | | | Temp. | Precip. | | |
| ALLENDALE | 0100 | BERGEN | 8 41 02 | 74 08 | 270 | | | | | | LONG VALLEY | 5003 | MORRIS | 10 40 48 | 74 48 | 860 | 30 | 30 | | 1 2 3 | |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 39 27 | 74 35 | 58 | 3 | 3 | | | 1 2 3 4 C | LUMBERTON | 5055 | BURLINGTON | 2 39 58 | 74 48 | 25 | | | | | 2 C |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 39 23 | 74 26 | 10 | 87 | 87 | | | 1 2 3 | MACOPIN INTAKE | 5071 | PASSAIC | 8 41 01 | 74 24 | 584 | | | | | 2 C |
| AQUOBON | 0346 | CAMDEN | 2 39 54 | 75 04 | 50 | 8 | 11 | | | 1 2 3 | MAHWAH | 5104 | BERGEN | 8 41 06 | 74 10 | 253 | 4 | | | | 2 C |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 39 37 | 74 26 | 20 | 14 | | | | 1 2 3 | MANVILLE | 5197 | SOMERSET | 10 40 33 | 74 34 | 50 | 20 | | | | 2 C |
| BELLEPLAIN | 0690 | CAPE MAY | 1 39 16 | 74 52 | 49 | 66 | 68 | | | 1 2 3 | MARLBORO SCS | 5244 | MONMOUTH | 1 40 20 | 74 14 | 120 | | | | | 2 C |
| BELMAR | 0721 | MONMOUTH | 1 40 10 | 74 02 | 19 | 17 | | | | 1 2 3 | HAYS LANOING | 5346 | ATLANTIC | 3 39 27 | 74 44 | 50 | | 16 | | | 2 C |
| BELVIDERE | 0729 | WARREN | 2 30 50 | 75 05 | 275 | 68 | 88 | | | 1 2 3 | MILANO PARK | 5503 | BERGEN | 8 40 59 | 74 09 | 210 | 14 | | | | 2 C |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 40 43 | 74 32 | 240 | 2 | | | | 1 2 3 C | MILLVILLE | 5576 | CUMBERLAND | 6 39 24 | 75 03 | 80 | 4 | 20 | | | 1 2 3 C |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 40 29 | 74 35 | 27 | 4 | | | | 2 | MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 39 22 | 75 04 | 70 | 11 | 11 | | | 2 C |
| BOONTON 2 SE | 0907 | MORRIS | 8 40 54 | 74 24 | 280 | 52 | 70 | | | 1 2 3 | MILTON | 5597 | MORRIS | 8 41 01 | 74 32 | 950 | 20 | | | | 1 2 3 |
| BOUNO BROOK 1 W | 0927 | SOMERSET | 10 40 33 | 74 33 | 20 | 4 | | | | 1 2 3 | MOORESTOWN | 5728 | BURLINGTON | 2 39 58 | 74 58 | 55 | 97 | 97 | | | 1 2 3 |
| BRANCHVILLE | 0978 | SUSSEX | 5 41 09 | 74 45 | 580 | 59 | | | | 1 2 3 | MORRIS PLAINS | 5769 | MORRIS | 8 40 50 | 74 30 | 500 | 15 | 19 | | | 1 2 3 |
| BURLINGTON | 1211 | BURLINGTON | 2 40 04 | 74 53 | 12 | 48 | 74 | | | 1 2 3 | NEWARK WB AIRPORT | 6026 | ESSEX | 1 40 42 | 74 10 | 11 | 61 | 106 | | | 1 2 3 C |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 41 07 | 74 30 | 1040 | 20 | | | | 2 | NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 40 28 | 74 26 | 86 | 103 | 106 | | | 1 2 3 G |
| CANOE BROOK | 1335 | ESSEX | 8 40 45 | 74 21 | 180 | 30 | 30 | | | 1 2 3 4 | NEW MILFORD | 6146 | BERGEN | 4 40 57 | 74 02 | 12 | | | | | 2 C |
| CANTON | 1343 | SALEM | 2 39 28 | 75 25 | 20 | 14 | | | | 1 2 3 C | NEWTOWN | 6177 | SUSSEX | 2 41 03 | 74 45 | 565 | 77 | 77 | | | 1 2 3 C |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 38 56 | 74 57 | 17 | 35 | 72 | | | 1 2 3 C | OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 41 02 | 74 30 | 870 | 20 | | | | 2 C |
| CEAR GROVE | 1472 | ESSEX | 8 40 52 | 74 13 | 400 | 20 | | | | 2 | OLWICK | 6544 | HUNTERDON | 10 40 40 | 74 45 | 260 | 4 | | | | 2 C |
| CENTERTON | 1512 | SALEM | 6 39 31 | 75 10 | 80 | | | | | 2 C | ORANGE | 6560 | ESSEX | 8 40 47 | 74 14 | 140 | 20 | | | | 2 C |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 41 03 | 74 26 | 760 | 68 | 68 | | | 1 2 3 | PATERSON | 6775 | PASSAIC | 8 40 55 | 74 09 | 100 | 90 | 89 | | | 1 2 3 |
| CHATHAM | 1590 | MORRIS | 8 40 44 | 74 23 | 185 | 56 | | | | 1 2 3 | PEMBERTON 3 E | 6843 | BURLINGTON | 2 39 58 | 74 38 | 80 | 31 | 31 | | | 1 2 3 |
| CHATHAM NORTH | 1598 | BURLINGTON | 1 39 49 | 74 32 | 100 | 16 | 16 | | | 1 2 3 | PHILLIPSBURG | 6974 | WARREN | 2 40 41 | 75 12 | 182 | 69 | 77 | | | 1 2 3 |
| CLAYTON | 1708 | GLOUCESTER | 6 39 39 | 75 06 | 120 | 47 | 67 | | | 1 2 3 | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 40 42 | 75 12 | 196 | 21 | | | | 1 2 3 |
| CLINTON | 1749 | HUNTERDON | 10 40 38 | 74 55 | 300 | 17 | | | | 2 | PLAINFIELD | 7079 | UNION | 10 40 36 | 74 25 | 120 | 69 | 72 | | | 1 2 3 |
| ELIZABETH | 2644 | UNION | 1 40 40 | 74 14 | 33 | 81 | 81 | | | 1 2 3 | PRINCETON WATER WORKS | 7328 | MERCER | 10 40 19 | 74 40 | 90 | | | | | 2 C |
| ELIZABETHPORT | 2652 | UNION | 8 40 38 | 74 12 | 10 | 21 | | | | 1 2 3 C | RAHWAY | 7393 | UNION | 9 40 36 | 74 15 | 20 | 12 | | | | 2 C |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 8 40 50 | 74 18 | 250 | 12 | 12 | | | 1 2 3 C | RIDGEFIELD | 7545 | BERGEN | 4 40 50 | 74 01 | 80 | 43 | | | | 1 2 3 |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 40 31 | 74 51 | 134 | 63 | 74 | | | 1 2 3 | RINGWOOD | 7587 | PASSAIC | 8 41 08 | 74 16 | 305 | 20 | | | | 2 C |
| FORTESCUE | 3102 | CUMBERLAND | 2 39 14 | 75 10 | 5 | 14 | | | | 2 | SCHOOLEYS MOUNTAIN | 7898 | MORRIS | 10 40 48 | 74 48 | 1000 | 0 | | | | 2 C |
| FREEMOHL | 3181 | MONMOUTH | 10 40 15 | 74 17 | 194 | 58 | 56 | | | 1 2 3 C | SHILOH | 8051 | CUMBERLAND | 2 39 28 | 75 18 | 120 | 3 | 3 | | | 1 2 3 |
| GLASSBORO | 3291 | GLOUCESTER | 2 39 42 | 75 07 | 150 | | | | | 1 2 3 | SOMERVILLE | 8194 | SOMERSET | 10 40 34 | 74 37 | 75 | 74 | 77 | | | 1 2 3 |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 40 56 | 74 55 | 540 | | | | | 2 C | SPLIT ROCK POND | 8402 | MORRIS | 8 40 58 | 74 28 | 800 | 20 | | | | 1 2 3 |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 41 09 | 74 20 | 660 | 20 | | | | 2 C | SPRINGFIELD | 8423 | UNION | 1 40 43 | 74 18 | | | | | | 1 2 3 |
| HACKENSACK | 3572 | BERGEN | 4 40 53 | 74 03 | 10 | | | | | C | SUSSEX | 8644 | SUSSEX | 5 41 13 | 74 37 | 440 | 62 | 85 | | | 1 2 3 |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 39 39 | 74 48 | 85 | 28 | 54 | | | 1 2 3 | TOMS RIVER | 8816 | OCEAN | 1 39 57 | 74 13 | 10 | 1 | 39 | | | 1 2 3 |
| HIGH POINT PARK | 3935 | SUSSEX | 2 41 18 | 74 40 | 1570 | 4 | 4 | | | 1 2 3 | TRANQUILITY 2 W | 8858 | WARREN | 2 40 57 | 74 50 | 551 | | | | | 1 2 3 C |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 40 17 | 74 31 | 100 | 64 | 87 | | | 1 2 3 C | TRENTON WB CITY | 8883 | MERCER | 2 40 13 | 74 46 | 56 | 88 | 88 | | | 1 2 3 C |
| INOJIAN MILLS 2 W | 4229 | BURLINGTON | 7 39 48 | 74 47 | 100 | 70 | 71 | | | 1 2 3 | TUCKERTON | 8899 | OCEAN | 1 39 36 | 74 20 | 10 | 60 | 65 | | | 1 2 3 |
| IRVINGTON | 4260 | ESSEX | 1 40 43 | 74 15 | 120 | 21 | | | | 2 C | WANAQUE RAYMOND OAM | 9187 | PASSAIC | 8 41 03 | 74 18 | 320 | 20 | | | | 2 C |
| JERSEY CITY | 4339 | HUONSON | 1 40 44 | 74 04 | 135 | 62 | 62 | | | 1 2 3 | WATCHUNG | 9271 | UNION | 8 40 40 | 74 25 | | | | | | 2 C |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 40 22 | 74 57 | 75 | 73 | 73 | | | 1 2 3 | WERTSVILLE | 9363 | HUNTERDON | 10 40 27 | 74 48 | 180 | 4 | | | | 2 C |
| LAURELTON 1 E | 4700 | OCEAN | 1 40 04 | 74 07 | 20 | 56 | 56 | | | 1 2 3 C | WESTFIELD | 9455 | UNION | 9 40 39 | 74 21 | 134 | 21 | | | | 2 C |
| LAYTON 3 NW | 4735 | SUSSEX | 2 41 15 | 74 51 | 480 | 59 | 59 | | | 1 2 3 C | WEST WHARTON | 9608 | MORRIS | 8 40 54 | 74 36 | 680 | 2 | | | | 2 C |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 40 53 | 74 14 | 157 | 46 | 57 | | | 1 2 3 C | WOODCLIFF LAKE | 9832 | BERGEN | 4 41 01 | 74 03 | 103 | 42 | | | | 2 C |
| LONG BRANCH | 4987 | MONMOUTH | 1 40 18 | 73 59 | 34 | 52 | 52 | | | 1 2 3 C | WOOSTOWN | 9910 | SALEM | 2 39 39 | 75 19 | 50 | 12 | 22 | | | 1 2 3 |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 8-AURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at the Weather Bureau Office, 5 General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Tables.

Climatological divisions, outlined on the maps in this bulletin became effective with data for September 1956.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Figures and letters following the station name, such as 12 35W, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.
- + Also earlier date (dates) or months.
- * Amount included in following measurement.
- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- B Adjusted to a full month.
- C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".
- E Amount is wholly or partially estimated.
- G In the "Refer to tables" column of the Station Index the letter "G" indicates that soil temperatures are published.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, O. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, O. C.

USCOMM-W8-Asheville, N. C. --- 3/8/81 --- 900

1.05
NNJ
U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JANUARY 1961

Volume 66 No. 1



ASHEVILLE: 1961

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UNIVERSITY OF ALABAMA

NEW JERSEY - JANUARY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 58° on the 14+ at 5 stations

Lowest Temperature: -29° on the 22nd at Layton 3 NW

Greatest Total Precipitation: 4.90 inches at Toms River

Least Total Precipitation: 1.39 inches at High Point Park

Greatest One Day Precipitation: 2.05 inches on the 20th at Paterson

Greatest Reported Total Snowfall: 37.6 inches at Greenwood Lake

Greatest Reported Depth of Snow on Ground: 33 inches on the 30+ at
High Point Park

SPECIAL WEATHER SUMMARY

The heavy snowstorm of January 19th and 20th dumped from 10 to 16 inches over the south and central portions, and from 16 to 22 inches over the north portion of the State. A few places in the extreme south reported less than 10 inches, while in the extreme north maximum readings of 26.4 and 24.0 inches were reported from unpublished records. Winds exceeding 35 mph in most localities caused considerable drifting. Bitter cold weather followed the storm, with minimum temperatures dropping to near

zero nearly every night during the following week. Maximum temperatures remained below the freezing mark until early February for the most prolonged cold spell since the turn of the Century. One traffic fatality occurred during the storm. Several deaths and injuries were attributed indirectly to the storm.

Donald V. Dunlap,
Weather Bureau State Climatologist
Weather Bureau Office,
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
JANUARY 1961

| Station | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | | |
|-----------------------|--------------------|--------------------|---------|-------------------------------------|---------|------|--------|------|-------------|-------------|-----|-----------------|-----------------|-----------------|--------|--------------------------------------|--------------|------|-------------|------------------------|------|-------------|------------|-------------|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Mean | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max | Min | 30° or Below | 20° or Below | 10° or Below | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | 32.6 | 9.4 | 21.0 | - 9.1 | 50 | 7 | -20 | 22 | 1356 | 0 | 14 | 31 | 10 | 2.66 | - 1.12 | 1.15 | 20 | 22.3 | 20 | 28+ | 5 | 2 | 1 | |
| BOONTON 2 SE | 31.4 | 10.4 | 20.9 | - 8.2 | 49 | 8 | -15 | 22 | 1360 | 0 | 16 | 31 | 9 | 2.45 | - .84 | .76 | 16 | | | | 5 | 3 | 0 | |
| CANOE BROOK | 32.8 | 7.7 | 20.3 | - 8.8 | 54 | 8 | -21 | 22 | 1379 | 0 | 16 | 30 | 9 | 3.44 | - .37 | 1.40 | 20 | 29.0 | 21 | 27+ | 6 | 3 | 1 | |
| CHARLOTTEBURG | 30.2M | 9.4M | 19.8M | - 9.2 | 46 | 1 | -18 | 22 | 1395 | 0 | 17 | 31 | 8 | 3.19 | - .60 | .93 | 20 | 31.0 | 30 | 27 | 5 | 3 | 0 | |
| ELIZABETH | 35.1 | 11.9 | 23.5 | - 9.6 | 53 | 7 | -10 | 22+ | 1278 | 0 | 12 | 31 | 8 | 3.52 | - .63 | 1.12 | 1 | 18.8 | 11 | 20 | | | 3 | |
| FLEMINGTON 1 NE | 33.3 | 10.3 | 21.8 | -10.1 | 54 | 7 | -16 | 22 | 1332 | 0 | 14 | 31 | 10 | 2.27 | - 1.09 | 1.10 | 1 | 22.5 | 24 | 31+ | 4 | 2 | 1 | |
| HIGH POINT PARK | 28.1 | 9.1 | 18.6 | | 52 | 8 | - 9 | 21 | 1430 | 0 | 21 | 31 | 9 | 1.39 | | .39 | 21 | 29.5 | 33 | 30+ | | | 0 | |
| JERSEY CITY | 31.1 | 19.0 | 25.1 | - 7.8 | 52 | 7 | 4 | 25 | 1231 | 0 | 18 | 29 | 0 | 2.33 | - 1.14 | .79 | 1 | | | | 4 | 3 | 0 | |
| LAMBERTVILLE | 33.8 | 13.0 | 23.4 | - 8.4 | 54 | 7 | -10 | 22 | 1280 | 0 | 13 | 29 | 10 | 3.92 | .48 | 1.17 | 1 | 24.0 | 17 | 21+ | 7 | 3 | 3 | |
| LAYTON 3 NW | 31.4M | 3.1 | 17.3M | - 9.7 | 53 | 7 | -29 | 22 | 1482 | 0 | 17 | 31 | 13 | 3.17 | .26 | 1.87 | 20 | 28.1 | 30 | 31+ | 3 | 2 | 1 | |
| LITTLE FALLS 1 E | 35.3 | 14.4 | 24.9 | - 6.4 | 55 | 8 | -11 | 22 | 1234 | 0 | 13 | 30 | 5 | 3.24 | - .51 | 1.10 | 20 | 22.8 | 17 | 27 | 5 | 3 | 1 | |
| LONG VALLEY | 32.9 | 6.5 | 19.7 | | 51 | 7 | -23 | 22 | 1396 | 0 | 15 | 31 | 11 | 0 | 3.90 | .29 | 1.60 | 20 | 22.0 | | | 5 | 2 | 0 |
| MORRIS PLAINS | 32.2 | 10.9 | 21.6 | | 51 | 8 | -14 | 22 | 1338 | 0 | 15 | 30 | 8 | 2.40 | | .84 | 1 | 29.6 | | | | | | |
| NEWARK WB AIRPORT | 33.8 | 19.4 | 26.6 | - 4.9 | 56 | 7 | 4 | 25+ | 1185 | 0 | 15 | 28 | 0 | 3.34 | - .26 | .86 | 1 | 22.2 | 14 | 28+ | 6 | 3 | 0 | |
| NEWTON | 30.0 | 5.0 | 17.5 | -10.4 | 49 | 8 | -26 | 22 | 1467 | 0 | 20 | 31 | 11 | 2.14 | - .96 | .92 | 20 | 32.0 | | | 6 | 1 | 0 | |
| PATERSON | 33.9 | 16.8 | 25.4 | - 6.5 | 55 | 8 | - 1 | 22 | 1219 | 0 | 13 | 30 | 2 | 0 | 4.04 | .36 | 2.05 | 20 | 32.5 | | | 7 | 2 | 1 |
| PHILLIPSBURG | 34.6 | 13.7 | 24.2 | - 6.2 | 54 | 8+ | -15 | 22 | 1259 | 0 | 13 | 31 | 6 | 2.60 | - 1.27 | 1.10 | 20 | 18.0 | 16 | 26 | 5 | 2 | 1 | |
| PLAINFIELD | 33.7 | 15.5 | 24.6 | - 7.6 | 55 | 7 | - 7 | 22 | 1245 | 0 | 14 | 29 | 7 | 2.92 | - .76 | 1.01 | 1 | 20.5 | 14 | 26+ | | | 1 | |
| SOMERVILLE | 32.4 | 12.4 | 22.4 | - 9.1 | 53 | 7 | -15 | 22 | 1313 | 0 | 15 | 31 | 8 | 2.36 | - .99 | .99 | 1 | 15.0 | | | 7 | 2 | 0 | |
| SUSSEX | 30.1 | 5.5 | 17.8 | -10.4 | 50 | 8 | -25 | 23+ | 1456 | 0 | 17 | 31 | 10 | 2.35 | - 1.15 | 1.05 | 20 | 21.0 | | | 5 | 2 | 1 | |
| DIVISION | | | 21.8 | - 8.7 | | | | | | | | | | 2.88 | - .69 | | | 24.5 | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 36.2 | 17.6 | 26.9 | - 7.7 | 58 | 7 | - 8 | 22+ | 1174 | 0 | 12 | 27 | 2 | 4.06 | .58 | 1.89 | 1 | 15.9 | 10 | 28+ | 6 | 2 | 1 | |
| AQUOBON | 34.6 | 19.3 | 27.0 | | 56 | 7 | 3 | 22 | 1170 | 0 | 15 | 28 | 0 | 2.91 | | 1.11 | 1 | 21.1 | 14 | 23 | 6 | 2 | 1 | |
| BURLINGTON | 35.4 | 18.8 | 27.1 | - 7.5 | 53 | 7 | - 2 | 25+ | 1167 | 0 | 12 | 26 | 4 | 3.70 | .35 | 1.50 | 1 | 18.2 | | | 7 | 3 | 1 | |
| CHATSWORTH | 36.3 | 13.2 | 24.8 | | 58 | 14 | -14 | 22 | 1239 | 0 | 14 | 29 | 8 | 3.73 | | 1.20 | 1 | | | | | | 2 | |
| CLAYTON | 32.9 | 17.1 | 25.0 | | 55 | 8 | - 5 | 21 | 1233 | 0 | 14 | 30 | 2 | 3.38 | | 1.10 | 1 | 13.6 | 11 | 28+ | 7 | 3 | 1 | |
| FREEHOLD | 33.9 | 17.2 | 25.6 | - 7.4 | 55 | 7 | - 1 | 22 | 1215 | 0 | 14 | 27 | 2 | 3.35 | - .29 | | | 17.3 | 16 | 28+ | | | | |
| HAMMONTON 2 NNE | 35.7 | 16.9 | 26.3 | - 8.4 | 58 | 8 | - 4 | 24 | 1193 | 0 | 14 | 29 | 5 | 3.29 | - .40 | 1.28 | 1 | | | | 5 | 2 | 2 | |
| HIGHTSTOWN 1 N | 33.0 | 16.4 | 24.7 | - 8.0 | 53 | 7 | - 8 | 22 | 1243 | 0 | 14 | 26 | 4 | 2.42 | - .86 | 1.10 | 1 | 17.8 | 16 | 28+ | | | 1 | |
| INDIAN MILLS 2 W | 34.7 | 14.7 | 24.7 | - 9.1 | 57 | 7 | -12 | 22 | 1243 | 0 | 15 | 29 | 6 | 3.32 | - .40 | 1.16 | 1 | 18.4 | 11 | 20 | | | 1 | |
| MILLVILLE | 36.7 | 17.3 | 27.0 | | 58 | 8 | - 1 | 22 | 1168 | 0 | 14 | 29 | 2 | 2.89 | | 1.31 | 1 | 13.5 | | | | | 1 | |
| MILLVILLE FAA AIRPORT | 35.7 | 15.3 | 25.5 | | 56 | 14+ | -10 | 22 | 1218 | 0 | 15 | 28 | 9 | 3.99 | | 1.55 | 1 | 22.0 | 11 | 29+ | 6 | 3 | 1 | |
| MOORESTOWN | 33.7 | 18.4 | 26.1 | - 7.1 | 56 | 7 | 0 | 22 | 1202 | 0 | 15 | 28 | 1 | 2.80 | - .43 | 1.22 | 1 | 21.0 | 13 | 20 | 6 | 2 | 1 | |
| NEW BRUNSWICK EXP STA | 34.0 | 16.3 | 25.2 | - 7.4 | 54 | 7 | - 6 | 22 | 1228 | 0 | 13 | 28 | 4 | 2.86 | - .52 | 1.10 | 20 | 17.1 | 11 | 27+ | 9 | 2 | 2 | |
| PENBERTON 3 E | 35.5 | 15.0 | 25.3 | - 9.1 | 58 | 7 | -12 | 22 | 1227 | 0 | 13 | 29 | 7 | 3.02 | - .30 | 1.20 | 1 | 14.8 | 11 | 28+ | 6 | 2 | 1 | |
| SHILOH | 35.9 | 18.6 | 27.3 | - 7.5 | 52 | 7 | - 1 | 21 | 1162 | 0 | 12 | 29 | 1 | 2.32 | - 1.35 | 1.47 | 1 | | | | 4 | 1 | 1 | |
| TOMS RIVER | 37.7 | 15.6 | 26.7 | | 57 | 7 | -13 | 22 | 1181 | 0 | 13 | 28 | 7 | 4.90 | | 1.85 | 1 | 18.7 | | | 7 | 4 | 2 | |
| TRENTON WB CITY | 32.7 | 20.1 | 26.4 | - 6.2 | 55 | 7 | 5 | 25 | 1188 | 0 | 16 | 28 | 0 | 2.80 | - .36 | 1.17 | 1 | 16.1 | 10 | 20 | 5 | 2 | 1 | |
| TUCKERTON | 37.2 | 14.8 | 26.0 | | 57 | 7 | - 9 | 22 | 1202 | 0 | 12 | 28 | 6 | 0 | 4.45 | 2.00 | 1 | 18.0 | | | | | 1 | |
| WOOSTOWN | 36.3 | 14.4 | 25.4 | | 55 | 7 | - 9 | 22 | 1221 | 0 | 11 | 31 | 8 | 2.87 | | 1.10 | 1 | 12.2 | | | 7 | 1 | 1 | |
| DIVISION | | | 25.9 | - 7.9 | | | | | | | | | | 3.32 | - .23 | | | 17.2 | | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 35.5 | 22.0 | 28.8 | - 7.0 | 52 | 7 | 8 | 28+ | 1115 | 0 | 12 | 27 | 0 | 3.04 | - .74 | 1.35 | 1 | | | | 6 | 2 | 1 | |
| CAPE MAY 3 W | 38.2 | 25.4 | 31.8 | | 53 | 14 | 10 | 28 | 1020 | 0 | 9 | 21 | 0 | 2.83 | | 1.07 | 1 | | | | | | 1 | |
| LONG BRANCH | 33.7 | 18.4 | 26.1 | - 7.2 | 57 | 7 | 2 | 22 | 1200 | 0 | 16 | 27 | 0 | 3.38 | - .55 | 1.17 | 1 | 20.7 | 15 | 27 | 5 | 3 | 1 | |
| DIVISION | | | 28.9 | - 5.9 | | | | | | | | | | 3.08 | - .59 | | | 20.7 | | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset | |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|--|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| ATLANTIC CITY WB AIRPORT | W | 22 | 12.9 | 36 | ENE | 19 | 75 | 75 | 56 | 69 | 4 | 3 | 4 | 1 | 1 | 0 | 13 | 62 | 5.4 | |
| ATLANTIC CITY | - | - | 14.0 | 44 | NNW | 20 | - | - | - | - | - | 3 | 4 | 1 | 1 | 0 | 9 | - | - | |
| LONG BRANCH | NW | 17 | 12.4 | 50 | NE | 15 | - | 78 | 62ø | 68 | 4 | 2 | 2 | 2 | 1 | 0 | 11 | 66 | 5.0 | |
| NEWARK WB AIRPORT | WSW | 15 | 10.0 | 37++ | NNE | 20 | 63 | 65 | 53 | 57 | 6 | 2 | 3 | 3 | 0 | 0 | 14 | - | 5.2 | |
| TRENTON WB CITY | W | - | 9.6 | 36 | N | 20 | - | - | - | - | 4 | 4 | 3 | 1 | 1 | 0 | 13 | 68 | 4.9 | |
| ø 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

NEW JERSEY
JANUARY 1961

| Station | | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|---|-------|--------------|-----|---|-----|---|---|-----|----|---|----|----|----|----|-----|-----|------|-----|-----|----|-------|------|-----|----|------|-----|------|------|-----|----|----|----|---|---|
| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| ATLANTIC CITY WB AP | R | 4.06 | 1.89 | | | | | | | | | | | | | .21 | .44 | T | | | | .70 | .34 | | | .06 | .04 | | .36 | .02 | | | | T | |
| ATLANTIC CITY | | 3.04 | 1.35 | | | | | | | | | | | | | .20 | .36 | .02 | | | | .55 | .12 | | | .05 | .04 | | .35 | | | | | | |
| AUOUDON | | 2.91 | 1.11 | | | | | | | | | | | | | | .51 | .10 | | | | .42 | .43 | | | .09 | T | | .25 | | | | | | |
| BASS RIVER ST FOREST | | | | | | | | | | | | | | | | | .12 | .30 | - | T | | .07 | 1.15 | | | | | | | | | | | T | |
| BELVIDERE | | 2.66 | .76 | - | - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BERNARDSVILLE 2 E | | 3.34 | .59 | .50 | | | | | | | | | | | | | | .65 | | | | 1.22 | .14 | | | .03 | .01 | | .20 | | | | | | |
| BLACKWELLS MILLS | | 2.63 | .94 | | | | | | | | | | | | | | .14 | .35 | .46 | | | | | | | | | .01 | | .14 | | | | | |
| BOONTON 2 SE | | 2.45 | .58 | .26 | | | | | | | | | | | | | T | .76 | T | | | .62 | .02 | | T | .03 | .03 | | .15 | | | | T | | |
| BOUND BROOK 1 W | | 1.47 | .88 | .15 | | | | | | | | | | | | | | | | | | .22 | | | | .01 | T | | .21 | | | | | | |
| BRANCHVILLE | | 2.31 | T | .57 | | | | | | | | | | | | | | .44 | .11 | | | .98 | | | T | * | .09 | | .12 | | | | T | | |
| BURLINGTON | | 3.70 | 1.50 | | | | | | | | | | | | | | | .21 | .24 | | | .50 | .70 | | | .07 | T | | .23 | .25 | | | | | |
| CANISTEAR RESERVOIR | | 3.25 | .57 | .17 | | | | | | | | | | | | | | .53 | .05 | | | 1.61 | .08 | | | .04 | .05 | | .15 | | | | | | |
| CAHOE BROOK | | 3.44 | .85 | .15 | | | | | | | | | | | | | T | .66 | | | | 1.40 | .13 | | | .04 | T | | .21 | | | | T | | |
| CANTON | | D1.71 | .37 | | | | | | | | | | | | | | | .48 | T | | | O .60 | | | | | .05 | | .21 | | | | | | |
| CAPE MAY 3 W | | 2.83 | 1.07 | | | | | | .02 | | | | | | | | | .58 | .08 | | | * | * | | | 1.08 | | | | | | | | | |
| CEDAR GROVE | | 2.66 | .70 | | | | | | | | | | | | | | | .75 | .92 | | | | | | | | .10 | | .19 | | | | | | |
| CHARLOTTEBURG | | 3.19 | .60 | .47 | | | | | | | | | | | | | | .83 | .08 | | | .95 | .01 | | | .05 | .05 | | .17 | | | | | T | |
| CHATHAM | | 2.89 | .85 | | | | | | | | | | | | | | | .64 | T | | | | | | | T | T | | | | | | | | |
| CHATSWORTH | | 3.73 | 1.20 | | | | | | | | | | | | | | | .46 | .22 | | | .27 | 1.00 | | | .20 | | * | .38 | | | | | | |
| CLAYTON | | 3.38 | 1.10 | | | | | | | | | | | | | | | .79 | .15 | | | .40 | .65 | | | .08 | .10 | | .11 | T | | | | | |
| CLINTON | | 3.00 | 1.00 | | | | | | | | | | | | | | | .30 | .28 | | | .08 | 1.07 | | | .03 | T | | .08 | .16 | | | | | |
| ELIZABETH | | 3.52 | 1.12 | | | | | | | | | | | | | | | .40 | .55 | | | 1.02 | | | | .03 | * | | .40 | | | | | | |
| ELIZABETHPORT | | 2.14 | .96 | | | | | | | | | | | | | | | .45 | .13 | | | .32 | .08 | | | .02 | .02 | | .16 | | | | | | |
| FLEMINGTON 1 NE | | 2.27 | 1.10 | | | | | | | | | | | | | | T | .30 | | | | .04 | .53 | | | .01 | .06 | T | .08 | .15 | | T | | T | |
| FORTESCUE | | 2.87 | 1.35 | | | | | | | | | | | | | | | .40 | | | | .76 | | | | | | | .36 | | | | | | |
| FREEHOLD | | 3.35 | 1.25 | | | | | | | | | | | | | | | .34 | .13 | | | * | 1.40 | | | .08 | T | | .15 | | | | | T | |
| GREENWOOD LAKE | | 4.23 | .27 | .70 | | | | | | | | | | | | | | .62 | .12 | | | 2.00 | .14 | | | .17 | .07 | * | .14 | | | | | | |
| HAMMONTON 2 NNE | | 3.29 | 1.28 | | | | | | | | | | | | | | | .29 | | | | 1.10 | .30 | | | .05 | | | .27 | | | | | | |
| HIGH POINT PARK | | 1.39 | * | .24 | | | | | | | | | | | | | T | .24 | .03 | T | | .31 | .39 | | | T | .03 | .05 | | .10 | | | | T | |
| HIGHTSTOWN 1 N | | 2.42 | 1.10 | | T | | | | | | | | | | | | .15 | .26 | | | * | .65 | | | | .04 | T | * | .22 | | | | | | |
| INDIAN MILLS 2 W | | 3.32 | 1.16 | | | | | | | | | | | | | | | * | .59 | | | .46 | .74 | | | .07 | T | | .14 | .16 | | | | T | |
| IRVINGTON | | 2.77 | .83 | | | | | | | | | | | | | | | .40 | .19 | | | .51 | .55 | | | .04 | .04 | | .21 | | | | | | |
| JERSEY CITY | | 2.33 | .79 | | | | | | | | | | | | | | | .51 | .08 | | | .05 | T | | | .05 | T | | .24 | | | | | | |
| LAMBERTVILLE | | 3.92 | 1.17 | | | | | | | | | | | | | | | 1.02 | .17 | | | .11 | 1.10 | | | T | T | | .12 | .23 | | | | | |
| LAYTON 3 NW | | 3.17 | .69 | | | | | | | | | | | | | | | .03 | .43 | | | .06 | 1.87 | | | .01 | .03 | | .03 | .02 | | | | | |
| LITTLE FALLS 1 E | | 3.24 | .84 | .20 | | | | | | | | | | | | | | .01 | .78 | .02 | | 1.10 | .01 | | | .01 | .06 | .03 | .18 | | | | | | |
| LONG BRANCH | R | 3.38 | 1.17 | | | | | | | | | | | | | | | .68 | .05 | | | .49 | .59 | | | .05 | T | | .25 | T | | | | T | |
| LONG VALLEY | | 03.90 | 1.25 | | | | | | | | | | | | | | | D.20 | | | | 01.60 | | | | | | | 0.40 | | | | | | |
| MANHAWK | | 2.50 | .68 | .30 | | | | | | | | | | | | | | .67 | .08 | | | .66 | .46 | .06 | | | | .04 | .04 | .17 | | | | | |
| MANVILLE | | D2.40 | .65 | | | | | | | | | | | | | | | .15 | | | | 0.60 | 0.50 | | | T | .04 | | 0.50 | | | | | | |
| MAYS LANDING | | - | 1.52 | | | | | | | | | | | | | | | .48 | .02 | | | .20 | 1.36 | | | | | | | | | | | | |
| MIDLAND PARK | | 2.96 | .93 | | | | | | | | | | | | | | | .77 | .12 | | | .55 | .29 | | | .10 | .06 | | .15 | - | - | - | - | | |
| MILLVILLE | | 2.89 | 1.31 | | | | | | | | | | | | | | | .16 | .34 | .02 | | * | .66 | .03 | | | .01 | .14 | .22 | | | | | | |
| MILLVILLE FAA AIRPORT | | 3.99 | 1.55 | | | | | | | | | | | | | | | .10 | .40 | .04 | | .90 | .67 | | | .08 | T | | .23 | .02 | | | | T | |
| MILTON | | 3.83 | .49 | .56 | | | | | | | | | | | | | | .10 | .47 | | | 1.75 | | | | .05 | | .21 | .20 | | | | | | |
| MOORESTOWN | | 2.80 | 1.22 | .01 | | | | | | | | | | | | | | .22 | .23 | T | | .30 | T | | | T | .60 | T | .22 | T | | | | T | |
| MORRIS PLAINS | | 2.40 | .84 | .15 | | | | T | T | | | | | | | | | .40 | .05 | | | .70 | | | | T | .04 | .03 | .19 | T | | | | T | |
| NEWARK WB AIRPORT | R | 3.34 | .86 | | | T | | | | | | | | | | | | .31 | .21 | | | .64 | .82 | | | .04 | .07 | | .39 | T | | | | | |
| NEW BRUNSWICK EXP STA | | 2.86 | 1.03 | | | | | | | | | | | | | | | .32 | .15 | | | .06 | 1.10 | T | | | .05 | .09 | .12 | | | | | | |
| NEW MILFORD | | 2.60 | .82 | | | | | | | | | | | | | | | .62 | .22 | .02 | | .42 | .26 | | | .08 | .08 | | .08 | | | | | | |
| NEWTON | | 2.14 | .29 | .20 | | | | | | | | | | | | | | .39 | .10 | | | .92 | .02 | | | | .06 | .02 | .14 | | | | | T | |
| OAK RIDGE RESERVOIR | | 4.02 | .51 | .39 | | | | | | | | | | | | | | .64 | .17 | | | 1.87 | .07 | | | | .11 | .07 | .19 | | | | | | |
| OLDWICK | | 2.67 | .67 | .20 | | | | | | | | | | | | | | T | .23 | | | 1.34 | T | | | | T | T | .23 | | | | | | |
| ORANGE | | 1.93 | 1.04 | | | | | | | | | | | | | | | * | .63 | | | | | | | | .06 | | .20 | | | | | | |
| PATERSON | | D4.04 | .42 | .28 | | | | | | | | | | | | | | .01 | .51 | | | 2.05 | T | T | | | .22 | 0.20 | 0.35 | | | | | | |
| PEMBERTON 3 E | | 3.02 | 1.20 | | | | | | | | | | | | | | | .37 | .32 | | | .26 | .60 | | | | .06 | | .21 | | | | | | |
| PHILLIPSBURG | | 2.60 | .74 | | | | | | | | | | | | | | | .22 | | | | .30 | 1.10 | | | | | | .24 | | | | | | |
| PHILLIPSBURG BRIDGE | | 2.77 | .77 | | | | | T | T | | | | | | | | | | | | | 1.44 | | | | | | .03 | .02 | .04 | | | | | |
| PLAINFIELD | | 2.92 | 1.01 | | | | | | | | | | | | | | | | .69 | | | * | .94 | | | | .03 | .01 | .24 | | | | | T | |
| PRINCETON WATER WORKS | | 2.25 | 1.14 | | | | | | | | | | | | | | | | | | | .54 | .29 | | | .03 | T | | .25 | | | | | | |
| RAHWAY | | 1.84 | 1.00 | | | | | | | | | | | | | | | .35 | .06 | | | .20 | .08 | | | T | T | | .15 | T | | | | | |
| RINGWOOD | | 3.72 | .96 | .24 | | | | | | | | | | | | | | | | | | 1.41 | | | | .03 | .08 | | | | | | | | |
| SHILOH | | 2.32 | 1.47 | T | | | | T | | | | | | | | | | .47 | .10 | T | | .04 | .06 | | | .01 | T | | .17 | T | | | | | |
| SOMERVILLE | | 2.36 | .99 | | | | | | | | | | | | | | | .18 | .11 | | | .15 | .64 | | | .03 | T | | .10 | .16 | | | | | |
| SPLIT ROCK POND | | 2.33 | .80 | | | | | | | | | | | | | | | | | | | .70 | | | | | | | .11 | | | | | | |
| SUSSEX | | 2.35 | .31 | | | | | | | | | | | | | | | | | | | .57 | .11 | | | | | .05 | | .14 | | | | | T |
| TOMS RIVER | | 4.90 | 1.85 | | | | | | | | | | | | | | | .20 | .58 | | | .30 | 1.00 | | | | .60 | | .37 | | | | | | |
| TRENTON WB CITY | R | 2.80 | 1.17 | | | .01 | | | | | | | | | | | | .28 | .02 | | | .70 | .28 | | | | .01 | | .25 | T | | | | T | |
| TUCKERTON | | D4.45 | 2.00 | | | | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
JANUARY 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX | 49 | 41 | 37 | 31 | 37 | 52 | 58 | 44 | 29 | 38 | 48 | 46 | 50 | 54 | 48 | 33 | 47 | 47 | 33 | 33 | 24 | -20 | 30 | 34 | 15 | 20 | 21 | 3 | 27 | 23 | 31 | 36.2 |
| | MIN | 34 | 25 | 25 | 20 | 19 | 31 | 37 | 29 | 21 | 16 | 24 | 24 | 21 | 34 | 33 | 30 | 28 | 29 | 26 | 7 | -8 | 5 | 1 | 4 | 3 | 6 | 21 | 3 | 5 | 11 | 10 | 17.6 |
| ATLANTIC CITY | MAX | 50 | 39 | 37 | 32 | 39 | 49 | 52 | 45 | 28 | 36 | 42 | 45 | 48 | 48 | 44 | 34 | 48 | 47 | 33 | 33 | 24 | 21 | 29 | 36 | 16 | 20 | 22 | 21 | 28 | 24 | 31 | 35.5 |
| | MIN | 33 | 27 | 27 | 21 | 20 | 32 | 36 | 28 | 23 | 19 | 27 | 30 | 29 | 35 | 34 | 31 | 28 | 30 | 27 | 14 | 12 | 12 | 15 | 14 | 8 | 10 | 11 | 8 | 13 | 14 | 13 | 22.0 |
| AUGUBON | MAX | 48 | 37 | 38 | 31 | 36 | 50 | 56 | 43 | 30 | 36 | 43 | 45 | 51 | 46 | 45 | 33 | 43 | 46 | 31 | 22 | 25 | 20 | 25 | 25 | 18 | 22 | 22 | 20 | 29 | 26 | 31 | 34.6 |
| | MIN | 33 | 28 | 29 | 22 | 22 | 23 | 33 | 29 | 21 | 19 | 25 | 28 | 22 | 33 | 31 | 29 | 26 | 30 | 21 | 13 | 4 | 3 | 9 | 5 | 5 | 7 | 10 | 8 | 7 | 14 | 10 | 19.3 |
| BELVIDERE | MAX | 40 | 39 | 36 | 32 | 32 | 39 | 50 | 43 | 33 | 33 | 39 | 45 | 44 | 43 | 41 | 38 | 42 | 41 | 34 | 19 | 20 | 19 | 20 | 23 | 20 | 20 | 23 | 21 | 27 | 27 | 29 | 32.6 |
| | MIN | 26 | 18 | 23 | 12 | 10 | 14 | 23 | 28 | 14 | 14 | 11 | 29 | 14 | 25 | 28 | 25 | 19 | 22 | 16 | 7 | -15 | -20 | -13 | -10 | -4 | -2 | 4 | -9 | -7 | -7 | -4 | 9.4 |
| BOONTON 2 SE | MAX | 44 | 42 | 36 | 34 | 30 | 30 | 42 | 49 | 41 | 25 | 34 | 42 | 40 | 43 | 44 | 32 | 33 | 40 | 40 | 23 | 17 | 13 | 18 | 21 | 25 | 18 | 23 | 22 | 19 | 28 | 25 | 31.4 |
| | MIN | 17 | 24 | 24 | 20 | 15 | 16 | 19 | 27 | 17 | 16 | 16 | 17 | 17 | 18 | 31 | 27 | 17 | 20 | 19 | 9 | -13 | -15 | -13 | -8 | 2 | -3 | 3 | -4 | -6 | -3 | -5 | 10.4 |
| BURLINGTON | MAX | 45 | 40 | 37 | 34 | 35 | 50 | 53 | 45 | 33 | 37 | 44 | 33 | 52 | 45 | 44 | 34 | 44 | 46 | 37 | 24 | 22 | 21 | 25 | 32 | 20 | 21 | 23 | 22 | 28 | 28 | 31 | 35.4 |
| | MIN | 32 | 27 | 29 | 24 | 22 | 23 | 34 | 33 | 22 | 21 | 22 | 23 | 22 | 33 | 32 | 29 | 24 | 36 | 22 | 8 | 0 | -2 | 8 | -1 | -2 | 10 | 13 | 8 | 5 | 5 | 8 | 18.8 |
| CANOE BROOK | MAX | 45 | 42 | 38 | 34 | 30 | 32 | 44 | 54 | 41 | 26 | 35 | 44 | 41 | 47 | 42 | 35 | 32 | 42 | 40 | 28 | 19 | 23 | 24 | 22 | 25 | 16 | 20 | 20 | 22 | 29 | 24 | 32.8 |
| | MIN | 17 | 25 | 21 | 13 | 9 | 14 | 18 | 28 | 17 | 16 | 12 | 27 | 14 | 16 | 33 | 25 | 3 | 8 | 20 | 3 | -10 | -21 | -4 | -12 | -2 | -10 | 3 | -17 | -14 | -7 | -9 | 7.7 |
| CAPE MAY 3 W | MAX | 52 | 42 | 39 | 37 | 36 | 50 | 50 | 45 | 41 | 34 | 46 | 44 | 50 | 53 | 52 | 40 | 44 | 45 | 42 | 38 | 25 | 25 | 32 | 35 | 30 | 22 | 23 | 25 | 27 | 28 | 33 | 38.2 |
| | MIN | 34 | 34 | 26 | 30 | 25 | 35 | 43 | 40 | 25 | 26 | 23 | 33 | 29 | 37 | 37 | 32 | 33 | 37 | 29 | 18 | 16 | 14 | 16 | 14 | 11 | 15 | 16 | 10 | 11 | 16 | 21 | 25.4 |
| CHARLOTTEBURG | MAX | 46 | 42 | 37 | 32 | 27 | 29 | 43 | 39 | 39 | 24 | 34 | 43 | 38 | 43 | 44 | 32 | 33 | 41 | 42 | 23 | 13 | 16 | 6 | -10 | -18 | -9 | -5 | -1 | -1 | 4 | -4 | 30.2 |
| | MIN | 20 | 22 | 19 | 20 | 13 | 14 | 18 | 13 | 14 | 13 | 13 | 19 | 13 | 13 | 27 | 23 | 15 | 24 | 16 | 6 | -10 | -18 | -9 | -5 | -1 | -1 | 4 | -4 | -4 | 3 | -4 | 9.4 |
| CHATSWORTH | MAX | 47 | 39 | 36 | 32 | 35 | 52 | 57 | 48 | 32 | 37 | 48 | 46 | 52 | 58 | 51 | 34 | 43 | 47 | 41 | 29 | 21 | 20 | 27 | 31 | 23 | 19 | 22 | 19 | 28 | 23 | 29 | 36.3 |
| | MIN | 22 | 26 | 24 | 15 | 16 | 17 | 33 | 30 | 5 | 15 | 15 | 27 | 17 | 32 | 34 | 28 | 20 | 34 | 21 | 17 | -7 | -14 | 11 | -4 | 0 | 0 | 2 | -13 | -6 | -2 | -5 | 13.2 |
| CLAYTON | MAX | 46 | 35 | 33 | 30 | 31 | 49 | 51 | 55 | 50 | 35 | 37 | 44 | 47 | 41 | 39 | 37 | 35 | 38 | 35 | 24 | 20 | 17 | 21 | 21 | 18 | 19 | 19 | 20 | 21 | 25 | 28 | 32.9 |
| | MIN | 22 | 28 | 25 | 20 | 21 | 23 | 30 | 29 | 20 | 24 | 25 | 19 | 29 | 28 | 33 | 24 | 27 | 26 | 22 | 18 | -5 | -4 | 2 | 1 | 2 | 7 | 1 | 7 | 8 | 9 | 10 | 27.1 |
| ELIZABETH | MAX | 46 | 39 | 38 | 33 | 34 | 44 | 53 | 45 | 37 | 38 | 43 | 46 | 49 | 48 | 46 | 34 | 36 | 44 | 36 | 25 | 23 | 21 | 24 | 29 | 20 | 21 | 25 | 22 | 29 | 28 | 31 | 35.1 |
| | MIN | 27 | 25 | 23 | 18 | 14 | 20 | 25 | 30 | 15 | 13 | 15 | 29 | 18 | 27 | 28 | 23 | 15 | 15 | 17 | 9 | -10 | -10 | -5 | -3 | -4 | -4 | 6 | -8 | -5 | 6 | 1 | 11.9 |
| FLEMINGTON 1 NE | MAX | 41 | 40 | 36 | 31 | 33 | 46 | 54 | 42 | 34 | 35 | 43 | 42 | 48 | 44 | 40 | 32 | 44 | 43 | 36 | 20 | 22 | 17 | 25 | 28 | 20 | 21 | 19 | 19 | 26 | 23 | 28 | 33.3 |
| | MIN | 26 | 18 | 21 | 15 | 12 | 13 | 16 | 29 | 15 | 15 | 10 | 28 | 14 | 25 | 30 | 27 | 25 | 32 | 19 | 10 | -12 | -16 | -13 | -10 | -1 | -3 | 4 | -11 | -8 | -8 | -4 | 10.3 |
| FREEHOLD | MAX | 46 | 38 | 35 | 30 | 33 | 49 | 55 | 44 | 34 | 35 | 45 | 43 | 52 | 49 | 43 | 31 | 43 | 44 | 34 | 20 | 21 | 20 | 24 | 25 | 17 | 19 | 20 | 20 | 29 | 25 | 29 | 33.9 |
| | MIN | 30 | 25 | 26 | 22 | 16 | 22 | 34 | 34 | 17 | 15 | 20 | 30 | 23 | 36 | 31 | 27 | 25 | 34 | 20 | 10 | 0 | -1 | 4 | 3 | 2 | 1 | 8 | 4 | 5 | 6 | 5 | 17.2 |
| HAMMONTON 2 NNE | MAX | 48 | 47 | 39 | 36 | 32 | 36 | 51 | 58 | 46 | 28 | 37 | 47 | 45 | 54 | 53 | 38 | 34 | 44 | 48 | 30 | 20 | 24 | 22 | 27 | 29 | 17 | 21 | 21 | 30 | 25 | 35.7 | |
| | MIN | 23 | 26 | 31 | 22 | 20 | 22 | 31 | 35 | 20 | 18 | 22 | 27 | 22 | 25 | 33 | 28 | 24 | 26 | 24 | 13 | 0 | 0 | 5 | -4 | 0 | 3 | 6 | 0 | 0 | 10 | 8 | 16.9 |
| HIGH POINT PARK | MAX | 41 | 36 | 32 | 32 | 29 | 34 | 39 | 52 | 41 | 18 | 29 | 40 | 29 | 45 | 49 | 29 | 28 | 38 | 30 | 19 | 9 | 20 | 14 | 19 | 19 | 10 | 13 | 16 | 19 | 24 | 19 | 28.1 |
| | MIN | 21 | 18 | 15 | 10 | 6 | 12 | 20 | 31 | 6 | 4 | 5 | 24 | 19 | 28 | 26 | 20 | 18 | 19 | 8 | 1 | -9 | -8 | -3 | 0 | -8 | -1 | 0 | -1 | -1 | -3 | 2 | 9.1 |
| HIGHTSTOWN 1 N | MAX | 45 | 37 | 35 | 31 | 32 | 47 | 53 | 47 | 35 | 33 | 43 | 42 | 48 | 43 | 43 | 33 | 40 | 43 | 36 | 21 | 18 | 17 | 23 | 26 | 18 | 20 | 20 | 18 | 25 | 23 | 27 | 33.0 |
| | MIN | 29 | 25 | 25 | 22 | 16 | 19 | 33 | 35 | 18 | 16 | 22 | 33 | 19 | 35 | 32 | 27 | 22 | 34 | 21 | 12 | -4 | -8 | 1 | 0 | 2 | 1 | 8 | 1 | 0 | 7 | 4 | 16.4 |
| INOIAN MILLS 2 W | MAX | 47 | 38 | 35 | 30 | 35 | 51 | 57 | 43 | 33 | 36 | 47 | 44 | 52 | 49 | 46 | 32 | 42 | 45 | 32 | 25 | 23 | 21 | 23 | -10 | -12 | -2 | -3 | 4 | -2 | 4 | 30 | 34.7 |
| | MIN | 28 | 22 | 25 | 19 | 16 | 17 | 35 | 33 | 19 | 15 | 17 | 27 | 17 | 32 | 32 | 28 | 22 | 31 | 21 | 13 | -10 | -12 | -2 | -9 | 4 | -2 | 4 | -1 | 1 | 3 | 4 | 14.7 |
| JERSEY CITY | MAX | 43 | 34 | 34 | 30 | 31 | 44 | 52 | 43 | 25 | 32 | 42 | 41 | 45 | 43 | 43 | 31 | 40 | 45 | 22 | 18 | 20 | 19 | 18 | 24 | 18 | 18 | 20 | 19 | 25 | 27 | 31.1 | |
| | MIN | 31 | 27 | 27 | 21 | 19 | 27 | 37 | 24 | 18 | 17 | 23 | 32 | 26 | 39 | 28 | 23 | -26 | 24 | 15 | 8 | 5 | 8 | 8 | 11 | 4 | 8 | 10 | 8 | 11 | 12 | 11 | 19.0 |
| LAMBERTVILLE | MAX | 45 | 38 | 35 | 31 | 33 | 46 | 54 | 45 | 34 | 35 | 44 | 43 | 48 | 43 | 43 | 33 | 42 | 43 | 34 | 21 | 24 | 20 | 26 | 28 | 18 | 20 | 20 | 20 | 28 | 25 | 30 | 33.8 |
| | MIN | 28 | 25 | 21 | 15 | 11 | 17 | 28 | 33 | 18 | 18 | 16 | 28 | 17 | 29 | 32 | 28 | 18 | 33 | 19 | 13 | -7 | -10 | -7 | -1 | 3 | -3 | -3 | -1 | -7 | -5 | -2 | -4 |
| LAYTON 3 NW | MAX | 37 | 32 | 30 | 30 | 30 | 43 | 53 | 45 | 32 | 34 | 40 | 45 | 41 | 44 | 37 | 37 | 43 | 40 | 27 | 13 | 22 | 22 | 19 | 21 | 18 | 17 | 30 | 20 | 20 | 25 | 24 | 31.4 |
| | MIN | 17 | 23 | 17 | 5 | -2 | 15 | 21 | 28 | 13 | 10 | 2 | 15 | 7 | 15 | 28 | 26 | 6 | 5 | 12 | 0 | -18 | -29 | -17 | -13 | -24 | -9 | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
JANUARY 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| TOMS RIVER | MAX | 48 | 44 | 40 | 32 | 35 | 48 | 57 | 55 | 38 | 34 | 50 | 44 | 47 | 42 | 40 | 38 | 46 | 48 | 40 | 30 | 32 | 26 | 30 | 29 | 26 | 29 | 30 | 25 | 28 | 28 | 29 | 37.7 |
| | MIN | 39 | 28 | 18 | 19 | 20 | 17 | 30 | 32 | 19 | 16 | 18 | 28 | 28 | 30 | 34 | 28 | 24 | 35 | 24 | 25 | -3 | -13 | -4 | -3 | 1 | 6 | 6 | -9 | -4 | 2 | -6 | 15.6 |
| TRENTON WB CITY | MAX | 48 | 35 | 34 | 30 | 33 | 50 | 55 | 43 | 28 | 34 | 43 | 43 | 49 | 45 | 44 | 32 | 43 | 44 | 26 | 20 | 20 | 18 | 22 | 27 | 15 | 18 | 20 | 19 | 26 | 23 | 28 | 32.7 |
| | MIN | 34 | 30 | 28 | 21 | 20 | 26 | 36 | 28 | 19 | 19 | 24 | 31 | 27 | 38 | 29 | 27 | 27 | 26 | 15 | 12 | 7 | 6 | 9 | 11 | 5 | 8 | 13 | 7 | 12 | 14 | 13 | 20.1 |
| TUCKERTON | MAX | 48 | 40 | 40 | 33 | 37 | 53 | 57 | 46 | 37 | 40 | 50 | 48 | 50 | 55 | 50 | 37 | 47 | 47 | 40 | 32 | 24 | 20 | 30 | 24 | 20 | 20 | 22 | 21 | 30 | 25 | 31 | 37.2 |
| | MIN | 24 | 18 | 18 | 20 | 17 | 25 | 34 | 30 | 10 | 14 | 22 | 30 | 15 | 30 | 35 | 29 | 25 | 33 | 22 | 13 | -8 | -9 | 3 | 0 | -6 | 3 | 5 | 0 | -4 | 7 | 4 | 14.8 |
| WOODSTOWN | MAX | 48 | 47 | 38 | 34 | 36 | 50 | 55 | 44 | 36 | 36 | 45 | 45 | 50 | 48 | 45 | 34 | 43 | 49 | 40 | 25 | 24 | 21 | 27 | 33 | 21 | 21 | 22 | 21 | 29 | 25 | 32 | 36.3 |
| | MIN | 29 | 24 | 27 | 22 | 21 | 22 | 31 | 29 | 21 | 16 | 20 | 19 | 20 | 31 | 29 | 29 | 23 | 32 | 21 | 8 | -3 | -9 | -2 | -6 | 4 | -5 | 2 | -2 | -5 | 1 | -2 | 14.4 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 30 30 | 30 29 | 30 29 | 30 26 | 30 26 | 31 28 | 31 30 | 31 30 | 29 26 | 30 26 | 30 27 | 31 30 | 31 28 | 31 30 | 31 30 | 30 30 | 31 30 | 31 28 | 30 30 | 30 30 | 30 30 | 30 31 | 30 30 | 30 29 | 27 30 | 31 29 | 30 30 | 30 29 | 30 29 | 30 29 | 30.4 29.0 | |
| 2 INCHES | MAX MIN | 30 30 | 31 31 | 31 31 | 31 27 | 30 26 | 31 28 | 31 30 | 31 31 | 31 31 | 31 31 | 30 31 | 31 28 | 30 30 | 31 28 | 31 30 | 31 30 | 31 31 | 31 30 | 31 28 | 31 30 | 31 31 | 32 30 | 30 30 | 30 30 | 31 31 | 31 31 | 31 31 | 31 29 | 31 29 | 30 29 | 31 30 | 30.8 29.3 |
| 4 INCHES | MAX MIN | 30 30 | 30 29 | 30 30 | 30 30 | 30 27 | 31 29 | 30 30 | 30 30 | 29 29 | 30 27 | 30 28 | 30 30 | 31 31 | 31 28 | 31 30 | 31 30 | 30 30 | 30 30 | 31 30 | 31 30 | 32 30 | 30 30 | 30 30 | 30 30 | 30 30 | 31 29 | 30 29 | 30 30 | 30 30 | 30 30 | 30.3 29.3 | |
| 8 INCHES | MAX MIN | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 33 32 | 33 32 | 33 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 31 | 32 32 | 31 31 | 32.1 31.9 |
| 12 INCHES | MAX MIN | 34 34 | 34 34 | 34 34 | 34 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 33 33 | 34 33 | 34 33 | 34 33 | 33 33 | 33 33 | 33 33 | 33 32 | 33 33 | 33 33 | 32 32 | 33 33 | 33.2 33.1 |
| 16 INCHES | MAX MIN | 35 35 | 35 35 | 35 35 | 35 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 34 | 34 33 | 34 33 | 34 34 | 34 34 | 34 34 | 34 34 | 34 33 | 34 33 | 33 33 | 33 33 | 34.1 33.8 | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 31 31 | 31 31 | 31 31 | 31 31 | 31 30 | 31 30 | 31 30 | 31 30 | 31 28 | 30 26 | 30 26 | 31 30 | 31 28 | 31 30 | 31 30 | 31 30 | 31 31 | 31 30 | 31 30 | 31 30 | 32 30 | 30 30 | 30 30 | 30 30 | 30 30 | 31 30 | 31 29 | 30 30 | 30 30 | 30 30 | 30.7 29.8 | |
| 2 INCHES | MAX MIN | 31 31 | 31 31 | 31 31 | 31 30 | 31 30 | 31 30 | 31 30 | 31 30 | 30 28 | 30 26 | 30 26 | 30 31 | 31 28 | 31 30 | 31 30 | 30 30 | 31 31 | 31 30 | 31 30 | 31 30 | 32 30 | 30 30 | 30 30 | 30 30 | 30 31 | 30 30 | 31 29 | 30 30 | 30 30 | 30 30 | 30.5 29.7 | |
| 4 INCHES | MAX MIN | 31 31 | 31 31 | 31 31 | 31 31 | 31 31 | 31 30 | 31 30 | 31 30 | 31 30 | 31 29 | 30 30 | 31 30 | 30 30 | 30 30 | 31 30 | 30 30 | 30 30 | 31 30 | 31 30 | 32 30 | 31 30 | 30 30 | 31 30 | 31 30 | 31 31 | 31 30 | 31 30 | 30 30 | 31 30 | 31 31 | 30.9 30.2 | |
| 8 INCHES | MAX MIN | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 32 | 32 31 | 31 31 | 31 31 | 31 31 | 31 31 | 31 31 | 31 31 | 31 31 | 31 31 | 32 30 | 32 31 | 32 31 | 32 31 | 32 31 | 32 31 | 32 31 | 32 31 | 32 31 | 32 31 | 32 31 | 31.8 31.4 | |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Electronik Potentiometer.

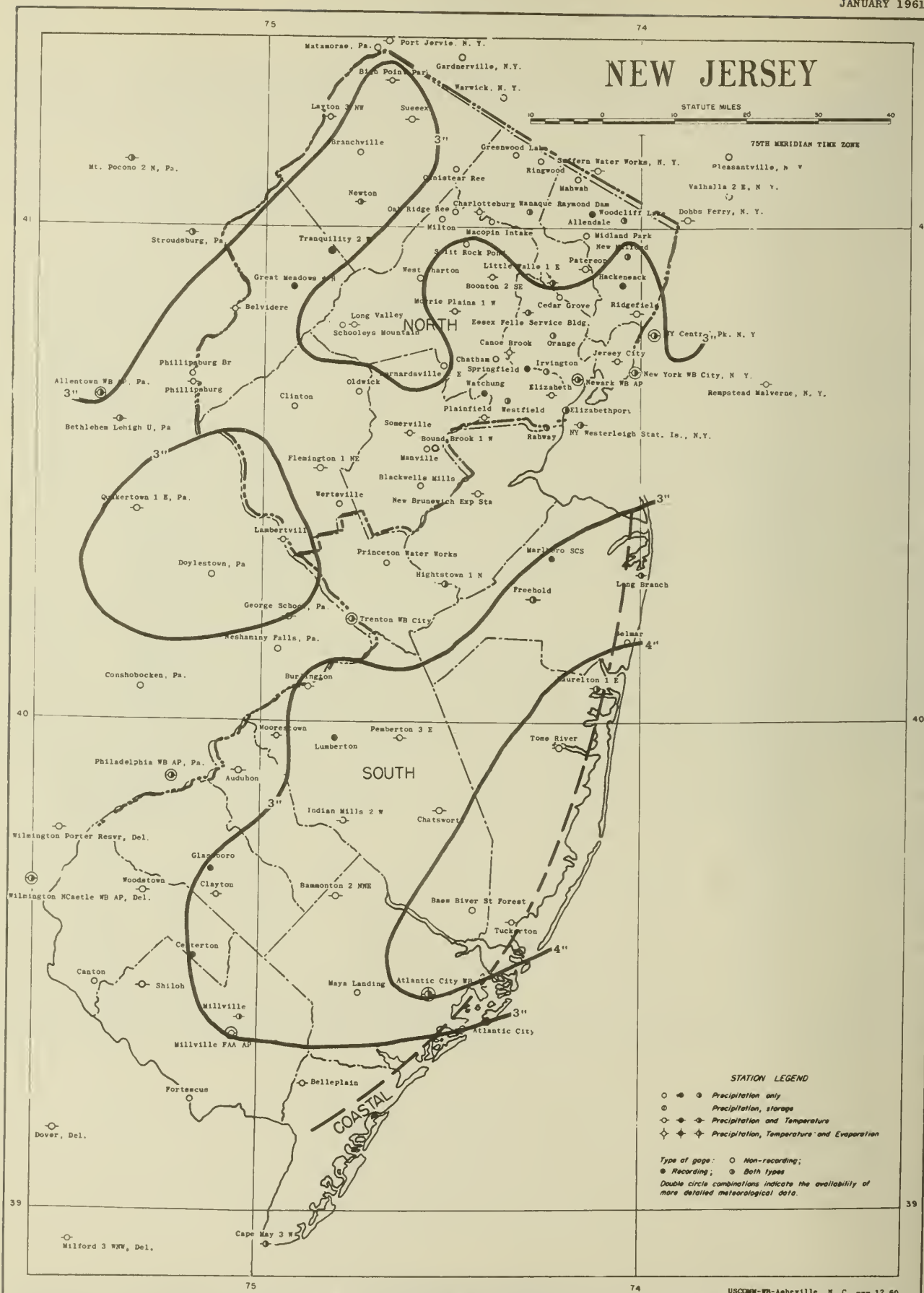
Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

SNOWFALL AND SNOW ON GROUND

NEW JERSEY
JANUARY 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|----------|----|---------|----|----|---|--------|--------|----|----|----|----|----|--------|-----------|----------|--------|-----------|-----------------|------------|---------|-----------|------------|------------|-----------|------------|------------|------------|------------|------------|---------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | T | | | | | T | | | | | | T | T | | | 8.0 | 2.7 9 1.0 | 8 .8 | 7 .8 | .6 .8 | .4 .8 | 6 .8 | 4.0 .7 | .2 1.0 | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BELVIDERE | SNOWFALL SN ON GND | .5 7 | 7 | 7 | 7 | 7 | 6 | 6 | T 6 | 6 | 6 | 5 | 4 | 4 | 2 | T 2 | 2.5 5 | 2 | T 2 | 5.4 16 | 14.0 16 | | | .3 16 | .5 17 | T 17 | .5 20 | 3.5 20 | | | | | | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | 2.0 11 | 9 | 8 | 8 | 8 | 8 | 6 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 4.0 7 | 1.0 8 | 7 | 7 | 18.0 25 | 1.0 26 | | | .5 26 | 2.0 26 | 2.5 28 | | | | | | | |
| CLAYTON | SNOWFALL SN ON GND | T | T | | | | | | | | | | | | | | T | | | 3.5 4 | 6.1 9 | 9 | 9 | 1.5 10 | 1.2 11 | T 11 | 1.3 11 | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | 5 | 4 | 4 | T 4 | 4 | 3 | 2 | 2 | T 2 | 2 | 1 | 1 | T | T | T | 1.5 2 | 1 | 1 | 1 | 1.0 2 | 16.0 18 | 18 | 18 | .8 18 | 1.3 20 | T 20 | .8 24 | 3.8 24 | T 24 | 24 | 24 | T 24 | 24 |
| FREEHOLD | SNOWFALL SN ON GND | - | - | | | | | | | | | | | | | | 1.5 2 | T | T | 4 | 6.4 10 | 10 | 10 | 1.0 11 | .5 12 | 1.0 12 | 2.7 13 | | | | | | .2 | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | 1 | 1 | 1 | T 1 | 1 | T | T | T | T | T | T | T | T | T | | 1.8 1 | 1 | T | 3 | 3.0 12 | 9.0 12 | 12 | 1.0 13 | T 13 | 2.0 13 | 2.0 14 | | | | | | T | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GND | T | T | T | T T | T | T | | | | | | | | | | T 1 | 1.8 1 | T | 4.8 5 | 7.8 11 | 9 | 8 | 1.1 8 | T 7 | 1.4 8 | 1.5 9 | | | | | | T | |
| LAMBERTVILLE | SNOWFALL SN ON GND | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 2.0 3 | 2 | 1 | 5 | 12.0 17 | | 17 | 15 | T 15 | 14 15 | 2.0 15 | 4.5 16 | | | | | | |
| LAYTON 3 NW | SNOWFALL SN ON GND | 1.0 10 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 7 | 7 | 4.2 11 | 11 | 11 | 11 | 1.7 13 | 17.5 29 | 29 | 29 | .2 29 | 1.0 30 | .4 29 | 2.0 30 | | | | | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | 2.0 5 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 4.8 6 | .3 5 | 4 | 3 | 11.0 14 | .2 14 | 14 | 14 | .2 14 | 1.0 15 | .5 15 | 2.8 17 | | | | | | |
| LONG BRANCH | SNOWFALL SN ON GND | | | | T | | | | | | | | | | | | 1.5 2 | .5 1 | T | 4 | 5.0 13 | 8.0 13 | 13 | 1.5 13 | T 13 | 4.0 12 | T 14 | | | | | | .2 | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | 2.0 - | - | - | - | 16.0 - | | - | - | - | - | 4.0 - | | | | | | - | |
| MAYS LANDING | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | T | | | 2.0 - | 12.0 - | - | - | 1.0 14 | 1.0 13 | 2.0 12 | - | - | - | - | - | - | - | |
| MILLVILLE | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8.5 - | 1.0 - | - | - | - | 1.0 - | 3.0 - | | | | | | | - | |
| MILLVILLE FAA AIRPORT | SNOWFALL SN ON GND | T | T | T | T | | | | | | | | | | | T | | | | 7.0 10 | 11.0 9 | 9 | 9 | 1.0 8 | T 9 | 3.0 8 | T 11 | | | | | | T | |
| MOORESTOWN | SNOWFALL SN ON GND | T | T | T | T | T | T | T | T | | | | | | | | 3.0 3 | 2 | T | | 13.0 13 | 1.0 12 | 11 | 1.0 10 | 4.0 9 | T 7 | 8 | 7 | 6 | 9 | 8 | 7 | T | |
| MORRIS PLAINS | SNOWFALL SN ON GND | .5 | | | .1 | T | | | | T | | | | | | | 4.0 4 | 1.0 | | | 18.0 | | | T | 1.0 | 2.0 | 3.0 | T | | | | | T | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | T | T | T | T | T | T | | | T | T | | | | | .9 | 2.4 3 | 3 .3 | | 6.3 T | 7.4 11 | 13 | 12 | .5 1.1 | 1.3 1.3 | 3.4 1.3 | T 1.3 | 1.1 1.2 | 1.3 1.8 | 1.3 1.5 | 1.2 1.3 | 1.2 1.2 | 1.1 | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | 2 | 1 | T | T | T | T | T | T | T | | | | | | | T | 1.4 1 | T | 1.5 2 | 9.5 11 | 9 | 9 | .5 9 | T 8 | .8 8 | 3.4 11 | 10 | 9 | 9 | T | 9 | | |
| NEWTON | SNOWFALL SN ON GND | T | | | | | | | | | | | | | | | 5.0 - | 1.5 - | - | - | 20.0 - | 1.0 - | - | - | 1.0 - | 2.0 - | 1.5 - | - | - | - | - | - | - | T |
| PATERSON | SNOWFALL SN ON GND | 1.0 - | 3.0 4 | | | | | | | | | | | | | | T T | 4.0 4 | - | - | 17.5 - | T - | T - | - | 1.5 - | 2.0 - | 3.5 - | - | - | - | - | - | - | - |
| PEMBERTON 3 E | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | 2.5 3 | 1 | | 3.5 4 | 6.0 10 | 9 | 9 | .8 10 | 1.0 10 | 2.0 9 | 11 11 | 11 11 | 11 11 | 10 10 | 16 10 | 10 | | |
| PHILLIPSBURG | SNOWFALL SN ON GND | 4 | 4 | 4 | 3 | 2 | 2 | T | T | T | T | T | T | T | T | T | T | T | T | T | 15.0 15 | 15 | 14 | 13 | 13 | 13 | 3.0 16 | 15 | 15 | 15 | 15 | 14 | 14 | |
| PLAINFIELD | SNOWFALL SN ON GND | | | | T | | | | | | | | | | | | * | 2.0 | | * | 13.5 14 | 14 | 13 | 12 | .5 12 | .5 12 | 4.0 11 | 13 | 12 | 11 | 10 | | T | |
| RAHWAY | SNOWFALL SN ON GND | 1 | 1 | T | T | T | | | | | | | | | | | 2.0 2 | 1.8 4 | - | - | 8.0 8 | 5.4 13 | 13 | 12 | 1.3 13 | 1.7 14 | 3.0 - | .7 16 | 14 | 12 | 11 | 10 | | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | T | | | | | | | | | | | | T | 1.1 1 | 1 | | 1.5 2 | 8.5 - | - | - | .3 - | .1 - | 1.5 - | 2.0 - | - | - | - | - | - | - |
| TRENTON WB CITY | SNOWFALL SN ON GND | T | T | T | .1 T | T | T | T | T | T | T | T | T | T | T | T | 1.6 T | .2 2 | 1 | T | 7.4 T | 2.9 10 | 8 | 7 | .8 6 | .1 6 | 3.0 5 | T 8 | 7 | 6 | 5 | 5 | T | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | 5 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 4.5 6 | 1.0 6 | 4 | 4 | 16.0 20 | 20 | 18 | 18 | T 18 | .5 18 | 2.0 18 | 2.0 20 | 18 | 18 | 17 | 16 | | |

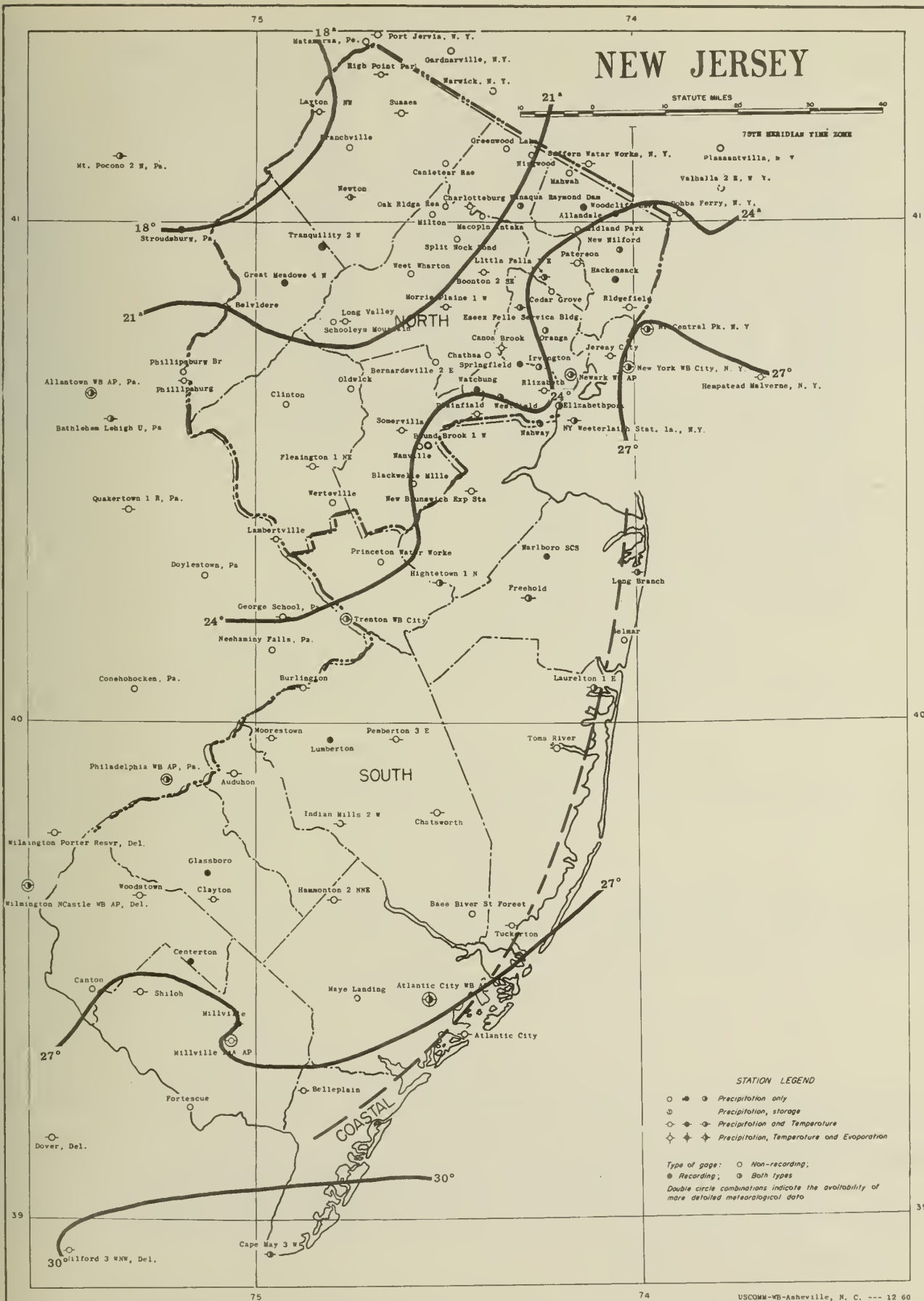
See reference notes following Station Index.



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
JANUARY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
JANUARY 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------------------|-------------------------------|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------------------|--------------------------------|---------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE INDEX) | | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE INDEX) | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | BERGEN COUNTY ENGINEERS | MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MID | | | | FED. AVIATION AGENCY | |
| ATLANTIC CITY WD AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | MID | TP | C | U.S. WEATHER BUREAU | HILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | | JERSEY CITY WATER WKS. | |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | | | STATE MARIN | MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | | M. J. J. WILLARD | |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | IRVIN J. NYGREN | MORRIS PLAINS | 5749 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | M. JAMES C. LONG | |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | 6P | | | | N.J. FORESTRY SERVICE | NEWARK WD AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | | C. J. U.S. WEATHER BUREAU | |
| BELLEPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | 5P | | | MRS. ED. C. HOFFMAN | NEW BRUNSWICK EXP STA | 6042 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | SP | 5P | | | GH. ARTHUR H. AHLQUIST | |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 5P | | | | BELMAR WATER WORKS | NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | | C. H. HACKENSACK WATER CO. | |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | CLEMENT HAUP | NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 265 | 8A | 8A | | | C. H. NEWTON WTR. & SWR. COMM. | |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | BERNARDUS WATER COMPANY | ORR RIDGE RESERVOIR | 6440 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | NEWARK WATER DEPT. | |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | HENRY M. MILLER | OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | DAN A. COUGHLIN | |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS | ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | | C. COUNTY ENGINEER | |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | AMERICAN CYANAMID CO. | PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | 8A | | | M. P. J. DEL VECCHIO | |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | ALBERT M. DAVENPORT | PEMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | SP | 5P | | | H. PHILIP E. MARUCCI | |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | PUBLIC SVC. E. & G. CO. | PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 180 | 3P | 3P | | | H. SEWAGE DISPOSAL PLANT | |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | NEWARK WATER DEPARTMENT | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | JOINT TOLL BRIDGE COMM. | |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | VA | | COMMONWEALTH WATER CO. | PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | BP | 8P | | | M. MRS. VIVIAN SCHERER | |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | GERTRUDE S. WILLIS | PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | MID | | | | H. PRINCETON WATER CO. | |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | | | | N. WEST MAGNETITE CO. | RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | | C. H. RAHWAY VLY. SWG. AUTH. | |
| CEDAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | J. A. PLUNKETT | RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | MID | | | | M. GEORGE P. KIRSTEN | |
| CERTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | JOHN HOPKINS UNIV. | RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | N. J. JERSEY WTR. SUPPLY | |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | H. NEWARK WATER DEPT. | SCHOOLEYS MOUNTAIN | 7898 | MORRIS | 10 | 40 48 | 74 48 | 1000 | 8A | | | | JOHN VANSTONE | |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | EDWARD P. HOLITOR | SHILTON | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | SP | 5P | | | H. EVERETT DICKINSON | |
| CHATSWORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | | | | EARL M. RECHNER | SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | M. W. E. MAVER | |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | H. HARRY P. CAMPBELL | SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | J. JERSEY CITY D. P. W. | |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | L. W. KLOCKNER | SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | C. N. J. DEPT. OF CONS. | |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | 5P | | | UNION CO. PARK COMM. | SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | BRICE B. STANTON |
| ELIZABETHPORT | 2652 | UNION | 9 | 40 38 | 74 12 | 10 | MID | | | | C. SEWAGE TREATMENT PLANT | TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | | TOMS RIVER WATER CO. |
| ESSEX FELS SERV BLOC | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | C. BOROUGH ESSEX FELS | TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | C. M. J. J. ERVEY | |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | H. DONALD YOUNG | TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | | | C. H. U.S. WEATHER BUREAU |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | JOHN LORER | TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | | REV. WALTER T. GANDER |
| FREEHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | C. H. FRANK J. MOREAU | WANAOUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | | C. H. WATER SUPPLY COMM. | |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | | C. PROF. J. B. SANGREE | WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | C. BONNIE BURN SANITARIUM | |
| GREAT HEADS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | C. GAMMA CHEMICAL CORP. | WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | R. ROBERT M. HANNERS | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | C. GEORGE T. WIGGINS | WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | MID | | | | C. CITY ENGINEER | |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | C. BERGEN COUNTY ENGINEERS | WEST WARDEN | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | N. J. POWER & LIGHT CO. | |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST | WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | C. HACKENSACK WATER CO. | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT. OF CONS. | WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | | C. CREAM VALLEY DAIRY |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | C. H. JAMES R. PICKERING | | | | | | | | | | | | | |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | H. EDWARD ENTWISTLE | | | | | | | | | | | | | |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | C. JOINT MEETING GARAGE | | | | | | | | | | | | | |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. | | | | | | | | | | | | | |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | H. E. E. CASE | | | | | | | | | | | | | |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | C. H. GEORGE G. WOODILL | | | | | | | | | | | | | |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | H. A. M. DUPUE | | | | | | | | | | | | | |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | | | | C. H. PASSAIC VLY. WTR. COMM. | | | | | | | | | | | | | |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 73 59 | 34 | MID | MID | | | C. H. WILLIAM D. MARTIN, JR. | | | | | | | | | | | | | |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | H. ARTHUR BARKMAN | | | | | | | | | | | | | |
| LUMBERTON | 5053 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | C. JAMES LANTON | | | | | | | | | | | | | |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | C. NEWARK WATER DEPT. | | | | | | | | | | | | | |
| MANAHAW | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | C. ROBERT G. GLASGOW | | | | | | | | | | | | | |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | | C. JOHN L. RADCLIFFE | | | | | | | | | | | | | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | C. GERON BRILL | | | | | | | | | | | | | |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | C. H. ELMER EARLE | | | | | | | | | | | | | |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | | C. RIDGEWOOD WATER CO. | | | | | | | | | | | | | |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | C. H. L. J. GALLAMER | | | | | | | | | | | | | |

1-COASTAL, 2-DELAWARE, 3-GREAT EGG HARBOR, 4-HACKENSACK, 5-HUDSON, 6-MAURICE, 7-MULLICA, 8-PASSAIC, 9-RAHWAY, 10-RARITAN, 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

S This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/15/61 --- 800

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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

FEBRUARY 1961
Volume 66 No. 2



ASHEVILLE: 1961

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NEW JERSEY - FEBRUARY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 74° on the 19th at Tuckerton

Lowest Temperature: -22° on the 2nd at Layton 3 NW

Greatest Total Precipitation: 5.65 inches at Cape May 3 W

Least Total Precipitation: 1.99 inches at Bound Brook 1 W

Greatest One-Day Precipitation: 2.50 inches on the 4th at Paterson

Greatest Reported Total Snowfall: 32.0 inches at Sussex

Greatest Reported Depth of Snow on Ground: 52 inches on the 5th at
Canistear Reservoir

SPECIAL WEATHER SUMMARY

February provided a variety of weather for New Jersey. The first three days of the month were part of the prolonged cold spell which began on January 19th, bringing the most extensive period of severely cold weather since the turn of the Century. The gradual warming during the month was climaxed on the 24th, when readings in the upper 60's and low 70's were recorded.

Heavy snow and strong winds on the 3rd and 4th disrupted transportation facilities and interrupted business and industry throughout

the State. Snowfall ranged from about 5 inches along the southeast coast to 27 inches in the extreme north. High winds, reaching 38 mph or higher, caused considerable drifting. Heaviest snowfall occurred in the metropolitan northeastern Counties. Several deaths resulted indirectly from the storm, principally from over-exertion.

Donald V. Dunlap
Weather Bureau State Climatologist
c/o General Delivery
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
FEBRUARY 1961

| Station | | Temperature | | | | | | | | | | Precipitation | | | | | | | | | | | | |
|-----------------------|--|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Departure from Long Term Means | Highest | Date | Lowest | Date | Degree Days | No of Days | | | | Total | Departure from Long Term Means | Greatest Day | Date | Snow, Sleet | | | No of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 30° or Above | 32° or Below | 33° or Below | 34° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 42.3 | 19.6 | 31.0 | - .2 | 62 | 24 | - 8 | 2 | 946 | 0 | 3 | 23 | 3 | 3.33 | .30 | 1.14 | 4 | 17.1 | 28 | 4 | 7 | 2 | 1 |
| BOONTON 2 SE | | 40.6 | 21.0 | 30.8 | 1.5 | 60 | 25 | - 6 | 2 | 950 | 0 | 6 | 20 | 2 | 3.48 | .91 | 1.43 | 4 | | | 5 | 2 | 1 | |
| CANOE BROOK | | 41.6 | 18.1 | 29.9 | -.6 | 69 | 25 | -14 | 2 | 976 | 0 | 5 | 23 | 4 | 3.08 | .26 | | | 24.0 | 35 | 5 | 7 | 2 | 1 |
| CHARLOTTEBURG | | 40.2 | 18.0 | 29.1 | -.1 | 60 | 25 | - 9 | 2 | 998 | 0 | 6 | 25 | 2 | 3.99 | .97 | 1.75 | 4 | 22.5 | 47 | 5 | 7 | 2 | 1 |
| ELIZABETH | | 44.2 | 22.0 | 33.1 | +.1 | 65 | 24 | 0 | 3 | 890 | 0 | 3 | 25 | 1 | 3.69 | .63 | 2.15 | 4 | 22.5 | 27 | 4 | 6 | 1 | 1 |
| FLEMINGTON 1 NE | | 43.4 | 20.5 | 32.0 | -.3 | 67 | 24 | - 9 | 3 | 917 | 0 | 3 | 22 | 4 | 3.72 | 1.09 | 2.29 | 4 | 26.9 | 48 | 4 | 6 | 1 | 1 |
| HIGH POINT PARK | | 37.4 | 15.8 | 26.6 | | 57 | 25+ | -16 | 2 | 1070 | 0 | 7 | 25 | 4 | 2.62 | | .66 | 4 | 29.0 | 40 | 5 | 8 | 2 | 0 |
| JERSEY CITY | | 40.9 | 27.0 | 34.0 | 1.3 | 61 | 24 | - 2 | 2 | 861 | 0 | 6 | 17 | 1 | 2.92 | .16 | 1.26 | 4 | | | | 4 | 3 | 1 |
| LAMBERTVILLE | | 43.4 | 23.0 | 33.2 | +.9 | 67 | 24 | - 6 | 2 | 881 | 0 | 3 | 21 | 3 | 2.96 | .37 | 1.10 | 4 | 17.0 | 25 | 4 | 9 | 2 | 1 |
| LAYTON 3 NW | | 41.4 | 16.9 | 29.2 | 1.5 | 60 | 27+ | -22 | 2 | 996 | 0 | 4 | 24 | 7 | 4.00 | 1.72 | | | 26.4 | 50 | 6+ | | | |
| LITTLE FALLS 1 E | | 44.8 | 21.9 | 33.4 | 1.9 | 65 | 25 | - 8 | 2 | 879 | 0 | 4 | 19 | 2 | 3.78 | .85 | 1.80 | 4 | 17.9 | 28 | 5 | 7 | 2 | 1 |
| LONG VALLEY | | 43.2 | 20.0 | 31.6 | | 61 | 24 | - 8 | 2 | 928 | 0 | 4 | 24 | 4 | 3.73 | .87 | 1.80 | 4 | 18.0 | | | | | |
| MORRIS PLAINS | | 41.5 | 21.5 | 31.5 | | 63 | 25 | - 6 | 2 | 931 | 0 | 5 | 22 | 2 | 3.13 | | 1.17 | 4 | 19.4 | | | 6 | 2 | 2 |
| NEWARK WB AIRPORT | | 43.8 | 27.8 | 35.8 | 4.1 | 67 | 24 | - 2 | 2 | 814 | 0 | 3 | 15 | 1 | 3.97 | .87 | 1.87 | 4 | 23.3 | 25 | 5 | 5 | 3 | 1 |
| NEWTON | | 38.9 | 16.4 | 27.7 | -.4 | 60 | 25 | - 8 | 2 | 1040 | 0 | 8 | 24 | 7 | 2.82 | .31 | 1.08 | 4 | 19.8 | | | 6 | 2 | 1 |
| PATERSON | | 43.4 | 25.5 | 34.5 | 2.5 | 67 | 25 | - 4 | 2 | 849 | 0 | 4 | 18 | 2 | 3.95 | 1.05 | 2.50 | 4 | 23.7 | | | 6 | 1 | 1 |
| PHILLIPSBURG | | 44.8 | 19.9 | 32.4 | 1.5 | 65 | 24 | - 6 | 2 | 909 | 0 | 3 | 25 | 2 | | | | | 15.0 | 24 | 4 | | | |
| PLAINFIELD | | 43.1 | 25.4 | 34.3 | 1.9 | 67 | 24 | - 5 | 2 | 855 | 0 | 4 | 19 | 1 | 3.72 | .88 | 2.10 | 4 | 18.8 | 24 | 4 | 4 | 2 | 1 |
| SOMERVILLE | | 42.5 | 24.0 | 33.3 | 1.4 | 66 | 24 | - 6 | 2 | 883 | 0 | 3 | 19 | 2 | 2.98 | .34 | | | 15.0 | 19 | 4 | | | 0 |
| SUSSEX | | 39.5 | 14.7 | 27.1 | - 2.0 | 60 | 25 | -11 | 2 | 1054 | 0 | 5 | 22 | 8 | 2.75 | .01 | .76 | 26 | 32.0 | | | 7 | 2 | 0 |
| DIVISION | | | | 31.5 | +.7 | | | | | | | | | | 3.40 | .60 | | | 20.7 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 44.2 | 28.0 | 36.1 | 1.5 | 73 | 19 | - 4 | 2 | 804 | 0 | 2 | 16 | 1 | 4.51 | 1.53 | 1.08 | 3 | 7.6 | 5 | 3+ | 10 | 3 | 1 |
| AUDUBON | | 45.0 | 28.2 | 36.6 | | 71 | 24 | - 3 | 2 | 787 | 0 | 2 | 14 | 1 | 3.90 | | 1.05 | 4 | 11.0 | 17 | 5+ | 7 | 3 | 2 |
| BURLINGTON | | 44.8 | 27.0 | 35.9 | 1.1 | 68 | 24 | - 3 | 2 | 809 | 0 | 3 | 15 | 1 | 2.87 | .13 | 1.10 | 4 | 12.0 | | | 8 | 1 | 1 |
| CHATSWORTH | | 45.5 | 25.6 | 35.6 | | 72 | 19 | -12 | 2 | 815 | 0 | 3 | 18 | 2 | 4.21 | | 1.54 | 23 | | | | 6 | 2 | 2 |
| CLAYTON | | 43.2 | 28.9 | 36.1 | | 69 | 24+ | 2 | 2 | 805 | 0 | 5 | 16 | 0 | 3.39 | | 1.35 | 4 | 12.5 | 12 | 3 | 6 | 2 | 1 |
| FREEHOLD | | 43.8 | 25.8 | 34.8 | 2.0 | 68 | 24 | - 8 | 2 | 839 | 0 | 3 | 18 | 1 | 3.48 | .53 | 1.35 | 4 | 13.9 | 26 | 4 | 7 | 3 | 1 |
| HAMMONTON 2 NNE | | 43.9 | 25.0 | 34.5 | .1 | 71 | 25+ | - 8 | 2 | 851 | 0 | 4 | 18 | 2 | 3.90 | .84 | 1.40 | 4 | | | | 6 | 2 | 2 |
| HIGHTSTOWN 1 N | | 43.4 | 25.1 | 34.3 | 1.6 | 70 | 24 | - 6 | 2 | 854 | 0 | 3 | 18 | 2 | 2.86 | .27 | | | 11.5 | 23 | 4 | 7 | 1 | 1 |
| INDIAN MILLS 2 W | | 44.6 | 25.0 | 34.8 | 1.0 | 71 | 19 | - 8 | 2 | 837 | 0 | 3 | 21 | 2 | 4.13 | 1.1 | 1.43 | 4 | 10.0 | 11 | 4 | 8 | 2 | 2 |
| MILLVILLE | | 44.4 | 26.1 | 35.3 | | 71 | 20 | - 1 | 2 | 826 | 0 | 2 | 20 | 2 | 3.82 | | .72 | 23 | 10.5 | | | 9 | 4 | 0 |
| MILLVILLE FAA AIRPORT | | 44.0 | 26.6 | 35.3 | | 71 | 19 | - 2 | 2 | 826 | 0 | 2 | 18 | 1 | 4.27 | | .79 | 8 | 8.1 | 10 | 3+ | 9 | 3 | 0 |
| MOORESTOWN | | 42.7 | 26.1 | 34.4 | 1.2 | 64 | 27+ | - 6 | 2 | 848 | 0 | 3 | 16 | 1 | 3.68 | 1.11 | 1.10 | 4 | 13.5 | 14 | 4 | 7 | 4 | 1 |
| NEW BRUNSWICK EXP STA | | 44.0 | 25.6 | 34.8 | 2.2 | 67 | 24 | - 5 | 2 | 837 | 0 | 4 | 19 | 1 | 2.83 | .23 | 1.20 | 4 | 21.5 | 19 | 4 | 6 | 1 | 1 |
| PEMBERTON 3 E | | 45.0 | 25.7 | 35.4 | 1.2 | 70 | 24+ | -11 | 2 | 827 | 0 | 3 | 17 | 1 | 3.36 | .74 | 1.15 | 4 | 5.7 | 13 | 4 | 8 | 2 | 2 |
| SHILOH | | 44.5 | 27.2 | 35.9 | 1.1 | 70 | 19 | - 4 | 2 | 807 | 0 | 3 | 17 | 1 | 3.96 | 1.48 | 1.49 | 23 | | | | 8 | 3 | 1 |
| TOMS RIVER | | 46.9 | 25.6 | 36.3 | | 68 | 19 | -14 | 2 | 800 | 0 | 4 | 22 | 2 | 3.95 | | 1.84 | 23 | | | | | | |
| TRENTON WB CITY | | 42.8 | 28.5 | 35.7 | 3.0 | 68 | 24 | - 2 | 2 | 815 | 0 | 4 | 14 | 1 | 3.04 | .38 | .70 | 4+ | 10.5 | 12 | 5 | 8 | 2 | 0 |
| TUCKERTON | | 45.4 | 25.5 | 35.5 | | 74 | 19 | - 7 | 2 | 819 | 0 | 2 | 21 | 2 | 5.57 | | 1.80 | 4 | 3.4 | | | 10 | 3 | 2 |
| WOODSTOWN | | 44.6M | 25.5M | 35.1M | | 70 | 24 | - 4 | 2 | 830 | 0 | 3 | 18 | 2 | 3.85 | | 1.03 | 23 | 11.1 | | | 8 | 2 | 2 |
| DIVISION | | | | 35.4 | 1.7 | | | | | | | | | | 3.77 | .98 | | | 10.9 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | 42.9 | 29.8 | 36.4 | 1.0 | 63 | 19 | 1 | 2 | 795 | 0 | 2 | 16 | 0 | 4.10 | .86 | .89 | 18 | | | | 9 | 3 | 0 |
| CAPE MAY 3 W | | 43.2 | 30.5 | 36.9 | | 62 | 19 | 2 | 2 | 784 | 0 | 2 | 14 | 0 | 5.65 | | 1.26 | 4 | | | | 12 | 3 | 3 |
| LONG BRANCH | | 42.8 | 27.4 | 35.1 | 2.2 | 70 | 19 | - 3 | 2 | 829 | 0 | 3 | 16 | 1 | 3.50 | .13 | .91 | 4 | 8.5 | 16 | 4 | 7 | 3 | 0 |
| DIVISION | | | | 36.1 | 2.0 | | | | | | | | | | 4.42 | 1.46 | | | 8.5 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | W | 11 | 11.9 | 39 | ENE | 3 | 77 | 81 | 66 | 74 | 5 | 3 | 7 | 2 | 1 | 0 | 18 | 44 | 8.0 |
| ATLANTIC CITY | - | - | 13.7 | 46 | WNW | 26 | - | - | - | - | - | 3 | 6 | 3 | 0 | 0 | - | - | - |
| LONG BRANCH | NW | 20 | 12.4 | 73 | E | 4 | - | 80 | 63ø | 66 | 3 | 3 | 4 | 3 | 0 | 0 | 13 | 52 | 7.0 |
| NEWARK WB AIRPORT | NE | 14 | 9.7 | 40++ | NE | 4 | 66 | 72 | 59 | 66 | 5 | 4 | 2 | 2 | 1 | 0 | 14 | - | 7.2 |
| TRENTON WB CITY | NW | - | 8.8 | 39 | S | 25 | - | - | - | - | 2 | 5 | 6 | 2 | 0 | 0 | 15 | 44 | 7.7 |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
FEBRUARY 1961

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|--------------|---|------|-------|------|---|---|------|------|-----|------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|------|-----|------|------|----|----|----|------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AP | 4.51 | .02 | | 1.08 | .42 | | | | .29 | | | T | .10 | T | .01 | T | | | .48 | .01 | | .23 | .69 | .66 | | .35 | T | | | | .17 | |
| ATLANTIC CITY | 4.10 | | | .77 | .32 | | | | .31 | | | | .06 | | .01 | | | | .89 | .01 | | .26 | .39 | .64 | | .31 | | | | | .13 | |
| AUDUBON | 3.90 | T | | 1.00 | 1.05 | | | | T | | | T | .08 | | | | | | .38 | | | T | .25 | .41 | | .50 | | | | | .23 | |
| BASS RIVER ST FOREST | - | | | | | | | | | | | | | | .05 | | | | | .04 | | .45 | * | 1.79 | | * | | | | | .36 | |
| BELMAR | - | T | | 1.29 | | | | | | | | | | .03 | | | | .02 | T | .30 | - | - | - | * | - | - | - | - | - | - | - | |
| BELVIDERE | 3.33 | | | .10 | 1.14 | T | | | | | T | | | | | | | .01 | .80 | .22 | | | | .30 | | .45 | .24 | | | | .07 | |
| BERNARDSVILLE 2 E | 4.04 | | | | 1.45 | 1.00 | | | | | | T | | | .09 | | | .05 | .08 | .21 | | | | .29 | .06 | | | | | | .01 | |
| BLACKWELLS HILLS | 2.93 | | | | 1.36 | .24 | | | | | | | | .02 | T | .03 | | .03 | T | .27 | | | | .33 | .05 | T | | | | | .69 | |
| BOONTON 2 SE | 3.48 | T | | | 1.43 | .34 | | | | | | T | | .09 | | .07 | | .09 | .07 | .27 | | | | .31 | .04 | | | | | | .93 | |
| BOUND BROOK 1 W | 1.99 | | | | .62 | .01 | | | | | | T | | .05 | | .07 | | .04 | .19 | | | | .29 | .03 | | | | | | | .69 | |
| BRANCHVILLE | 3.96 | | | | 2.20 | .09 | | | | | | | | .04 | | .13 | | .13 | .11 | .24 | | | | .28 | | | | | | | .87 | |
| BURLINGTON | 2.87 | | | .20 | 1.10 | | | | | | .07 | | | .01 | | .10 | | .10 | .10 | .20 | T | | .05 | .45 | | .43 | T | | | | .16 | |
| CANISTEAR RESERVOIR | 4.06 | | | | 1.80 | .40 | | | | | | | | .12 | T | .17 | T | .15 | .24 | | | | .29 | .03 | | | | | | | .86 | |
| CANOE BROOK | 3.08 | | | | * | 1.48 | | | | | | | | .06 | | .03 | | .17 | | | | T | .11 | 1.42 | | .02 | .39 | | | | .94 | |
| CANTON | 03.07 | T | | D.30 | .05 | .01 | | | T | D.30 | | T | | .15 | | | | .03 | .27 | | | T | .11 | 1.42 | | .02 | .39 | | | | | |
| CAPE MAY 3 W | 5.65 | | | .10 | 1.26 | | | | 1.06 | .12 | | | .10 | | | | | .01 | .20 | .49 | .01 | .37 | .03 | 1.21 | | .24 | .30 | | | | .15 | |
| CEDAR GROVE | 2.54 | | | | 1.50 | | | | | | | | | | | .13 | | .20 | | | | | .22 | | | | | | | | .62 | |
| CHARLOTTEBURG | 3.99 | | | | 1.75 | .17 | | | | | | | | .08 | .15 | | .10 | .07 | .02 | .22 | | | .12 | .30 | .03 | | | | | | .96 | |
| CHATHAM | 3.38 | | | | 1.20 | .50 | | | | | | | | .10 | | .07 | | .02 | .22 | | | | .12 | .30 | .03 | | | | | | .92 | |
| CHATSORTH | 4.21 | | | | 1.53 | | | | .03 | | | .03 | T | .04 | | .02 | | .14 | .19 | | T | | 1.54 | | .25 | .44 | | | | | | |
| CLAYTON | 3.39 | | | .50 | 1.35 | | | | .05 | | | | .35 | | | .02 | T | .07 | T | .35 | T | .07 | .01 | .15 | .35 | T | .47 | T | | | | |
| CLINTON | 3.49 | | | .16 | 1.80 | | | | | | | | .01 | | .02 | .02 | .10 | .10 | .25 | | | .01 | .15 | .32 | | .50 | .14 | | | | .08 | |
| ELIZABETH | 3.69 | | | .01 | 2.15 | | | | | | | | .02 | | .02 | .16 | .07 | .18 | | | | | .01 | .33 | | .48 | .21 | | | | .06 | |
| ELIZABETHPORT | 2.87 | | | .35 | 1.03 | | | | | | | T | | .04 | | .05 | T | .22 | | | | .01 | .24 | .10 | | .76 | | | | | .07 | |
| FLEMINGTON 1 NE | 3.72 | T | | T | 2.29 | T | | | | | T | * | .02 | | .05 | | .13 | .06 | .18 | | | | .02 | .29 | | .41 | .19 | | | | .08 | |
| FORTESCUE | 3.97 | | | | .65 | .10 | | | .39 | .61 | | | .05 | .08 | | | | | .22 | | .16 | .09 | .85 | .28 | .24 | .25 | | | | | .08 | |
| FREEHOLD | 3.48 | | | .20 | 1.35 | | | | | | | | T | | .03 | T | .19 | T | .24 | T | .15 | .10 | .38 | | .66 | .03 | | | | | .67 | |
| GREENWOOD LAKE | 5.19 | | | | 2.07 | .67 | | | | | | | | | .19 | T | | .14 | .38 | | | | .31 | .05 | | | | | | | 1.14 | |
| HAMMONTON 2 NNE | 3.90 | | | | 1.40 | .08 | | | | | .04 | | | .03 | | .30 | | .14 | .22 | .39 | | | .03 | 1.07 | .47 | .12 | .26 | | | | .60 | |
| HIGH POINT PARK | 2.62 | | | | .66 | .18 | | | | | | T | T | .30 | | .14 | | .22 | .39 | | | | .10 | .03 | | | | | | | | |
| HIGHTSTOWN 1 N | 2.86 | T | | * | 1.15 | | | | | | | T | T | | | T | | .21 | T | .39 | | | | .42 | | .40 | .18 | | | | .11 | |
| INDIAN HILLS 2 W | 4.13 | T | | .32 | 1.43 | | | | .02 | | | .09 | T | | | T | | .02 | .26 | .05 | | T | .15 | 1.21 | | .27 | .10 | | | | .21 | |
| IRVINGTON | 3.48 | | | | .52 | 1.50 | | | | | | | T | | .09 | | .08 | | .20 | | | | .31 | .07 | | .63 | | | | | .08 | |
| JERSEY CITY | 2.92 | | | | .52 | 1.26 | | | | | | | | | T | | .09 | | | | | | .29 | .08 | | .60 | | | | | .08 | |
| LAMBERTVILLE | 2.96 | T | | | .12 | 1.10 | | | | | | | .02 | | | | .26 | .11 | .12 | | | | .02 | .30 | | .52 | .20 | | | | .19 | |
| LAYTON 3 NW | 4.00 | | | * | 1.76 | | | | | | | T | | .10 | | .49 | .22 | .22 | | | | | .33 | | .48 | .27 | | | | | .13 | |
| LITTLE FALLS 1 E | 3.78 | | | | 1.80 | .28 | | | | | | | T | .10 | | .10 | T | .07 | .18 | | | | .28 | .03 | T | .94 | | | | | | |
| LONG BRANCH | 3.50 | | | .77 | .91 | | | | | | | T | .02 | | .07 | | .12 | .24 | .46 | | | T | .30 | .46 | | .54 | | | | | .07 | |
| LONG VALLEY | 03.73 | T | | | D1.80 | | | | | | | | | | .07 | | .30 | .20 | | | | * | .38 | | * | .90 | | | | | .15 | |
| MAHWAH | 3.01 | | | | .74 | .10 | | | | | | | | .22 | | .16 | T | .16 | .31 | | | | .29 | .05 | | .01 | .97 | | | | | |
| MANVILLE | 03.50 | | | D.50 | D1.50 | D.15 | | | | | | D.03 | | | | | 0.02 | .20 | | | | .24 | .07 | | .69 | | | | | | .10 | |
| MIDLAND PARK | 2.50 | | | | .40 | .74 | | | | | | | | | | .01 | .22 | .01 | .25 | | | | .15 | .07 | | .64 | .01 | | | | | |
| MILLVILLE | 3.82 | T | | | .62 | .37 | | | .66 | | | .09 | T | T | | .33 | | .33 | | | | .21 | .54 | .72 | | .12 | | | | | .16 | |
| MILLVILLE FAA AIRPORT | 4.27 | .01 | | .61 | .36 | | | | .79 | | | .09 | T | .03 | T | | .41 | | .35 | | .21 | .49 | .78 | | .31 | T | | | | | .18 | |
| MILTON | 3.65 | | | | 1.52 | .12 | | | | | | | | .05 | .05 | | .15 | .09 | .35 | | | | .34 | | | | .98 | | | | | |
| MOORESTOWN | 3.68 | T | T | T | 1.10 | .40 | | | | | | T | | .02 | T | | .50 | T | .03 | .21 | | | .01 | .63 | | .16 | .62 | | | | | |
| MORRIS PLAINS | 3.13 | | | | 1.17 | .10 | | | | | | T | | .12 | | .06 | T | .07 | .28 | | | | .29 | .28 | .05 | | 1.00 | T | | | | |
| NEWARK WB AIRPORT | 3.97 | | | .60 | 1.87 | | | | | | | T | | .09 | | .18 | T | .09 | T | .23 | T | | .29 | .06 | | .69 | T | | | | .05 | |
| NEW BRUNSWICK EXP STA | 2.83 | | | .05 | 1.20 | | | | | | | T | | .07 | | .07 | | .07 | .18 | | | | T | .35 | | .45 | .35 | | | | .11 | |
| NEW MILFORD | 2.48 | | | .40 | .74 | .08 | | | | | | | .12 | | | .08 | | .22 | | | | .20 | .02 | | .58 | | | | | | .04 | |
| NEWTON | 2.82 | | | | 1.08 | .22 | | | | | | | .02 | T | | .11 | T | .08 | .23 | | | | .30 | .01 | | .77 | | | | | | |
| OAK RIDGE RESERVOIR | 5.32 | | | | 2.08 | 1.20 | | | | | | | .04 | .06 | | .19 | .01 | .14 | .22 | | | | .31 | .06 | | 1.01 | | | | | | |
| OLDWICK | 2.47 | | | | 1.07 | .14 | | | | | | T | | .02 | T | | T | | .06 | .26 | | | .25 | T | | .08 | .59 | | | | | |
| ORANGE | 3.55 | | | | 1.86 | .08 | | | | | | | | | .33 | | .24 | .23 | | | | * | .33 | | | .81 | | | | | | |
| PATERSON | 3.95 | T | | | 2.50 | .15 | | | | | | | T | .09 | | .06 | T | .02 | .24 | .01 | | | .26 | .04 | | .11 | .47 | | | | | |
| PENBERTON 3 E | 3.36 | | | .21 | 1.15 | | | | | | | | .10 | | T | | .02 | .18 | | | | | .01 | 1.06 | | .31 | .19 | | | | .13 | |
| PHILLIPSBURG | - | | | | .78 | | | | | | | | | | | .13 | | .11 | .06 | | | | | T | | | | | | | T | |
| PHILLIPSBURG BRIDGE | 3.38 | | | | * | 1.59 | | | | | | | | .26 | .07 | | .10 | | .30 | | | | .30 | .04 | | | | | | | .75 | |
| PLAINFIELD | 3.72 | T | | | 2.10 | | | | | | | T | | .08 | | .08 | | .24 | | | | T | .31 | T | | .82 | | | | | .09 | |
| PRINCETON WATER WORKS | 3.50 | | | .35 | 1.10 | | | | | | | | | .03 | | .22 | | .35 | | | | T | .30 | .13 | | .95 | | | | | .07 | |
| RAHWAY | 2.44 | | | * | 1.00 | | | | | | | T | | .07 | | .05 | | .20 | | | | .23 | .10 | | .70 | | | | | | .09 | |
| RINGWOOD | 3.95 | | | | 1.82 | .23 | | | | | | | .05 | .19 | | . | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
FEBRUARY 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|------------|--------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|--------------|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX MIN | 27 7 | 18 -4 | 36 5 | 39 29 | 36 21 | 40 17 | 35 25 | 44 29 | 42 30 | 35 24 | 34 20 | 39 25 | 48 37 | 46 34 | 38 28 | 46 22 | 56 44 | 73 45 | 45 33 | 39 32 | 45 37 | 54 40 | 65 38 | 56 45 | 54 35 | 60 34 | 48 34 | | | 44.2 28.0 | | |
| ATLANTIC CITY | MAX MIN | 27 9 | 18 1 | 36 11 | 43 30 | 37 24 | 39 21 | 38 21 | 35 28 | 46 30 | 44 29 | 35 27 | 34 25 | 39 31 | 50 36 | 48 34 | 38 31 | 42 30 | 54 41 | 63 44 | 44 34 | 32 32 | 43 36 | 52 41 | 56 40 | 54 44 | 53 35 | 50 36 | 45 34 | | 42.9 29.8 | | |
| AUDUBON | MAX MIN | 28 9 | 19 -3 | 33 8 | 36 28 | 40 30 | 41 15 | 35 23 | 47 31 | 44 33 | 36 26 | 21 21 | 41 28 | 48 33 | 46 33 | 40 31 | 46 23 | 58 37 | 68 47 | 48 35 | 39 35 | 45 36 | 49 41 | 71 34 | 64 50 | 55 33 | 65 35 | 47 33 | | 45.0 28.2 | | | |
| BELVIOERE | MAX MIN | 29 11 | 23 -8 | 18 -3 | 35 9 | 41 13 | 37 2 | 37 1 | 37 6 | 47 7 | 43 28 | 39 17 | 34 6 | 36 21 | 49 21 | 46 30 | 42 26 | 40 25 | 40 26 | 44 33 | 44 33 | 41 28 | 46 31 | 43 28 | 62 48 | 51 34 | 60 31 | 61 31 | 55 34 | | 42.3 19.6 | | |
| BOONTON 2 SE | MAX MIN | 27 12 | 18 -6 | 20 -4 | 31 4 | 32 18 | 37 9 | 41 13 | 39 9 | 36 13 | 49 33 | 42 19 | 35 8 | 32 21 | 57 24 | 47 29 | 44 28 | 37 14 | 39 17 | 44 35 | 57 31 | 42 28 | 41 29 | 48 34 | 45 34 | 60 35 | 58 33 | 55 33 | 45 36 | | 40.6 21.0 | | |
| BURLINGTON | MAX MIN | 29 1 | 20 -3 | 23 7 | 36 17 | 37 21 | 40 12 | 38 11 | 37 19 | 46 23 | 45 35 | 38 27 | 35 18 | 36 29 | 49 31 | 46 32 | 40 24 | 45 35 | 50 46 | 66 46 | 53 34 | 40 35 | 44 36 | 48 36 | 68 36 | 63 48 | 63 39 | 63 36 | 55 34 | | 44.8 27.0 | | |
| CANOE BROOK | MAX MIN | 27 13 | 17 -14 | 19 -4 | 28 2 | 33 8 | 37 9 | 40 6 | 44 5 | 36 5 | 47 28 | 42 12 | 35 2 | 32 19 | 36 29 | 46 29 | 43 21 | 38 11 | 48 29 | 59 41 | 41 28 | 50 31 | 44 28 | 52 34 | 32 36 | 33 33 | 44 31 | 59 36 | 48 33 | | 41.6 18.1 | | |
| CAPE MAY 3 W | MAX MIN | 32 20 | 22 2 | 35 9 | 38 21 | 35 28 | 36 22 | 38 26 | 36 30 | 39 31 | 40 34 | 39 32 | 35 29 | 39 31 | 43 36 | 44 31 | 43 34 | 45 27 | 54 39 | 62 42 | 55 37 | 40 34 | 41 36 | 48 38 | 58 36 | 55 42 | 56 36 | 52 33 | 49 37 | | 43.2 30.5 | | |
| CHARLOTTEBURG | MAX MIN | 25 9 | 15 -9 | 15 -8 | 30 1 | 32 18 | 35 35 | 40 14 | 37 4 | 40 8 | 47 28 | 39 15 | 35 2 | 31 12 | 35 31 | 47 25 | 42 9 | 36 10 | 50 31 | 57 27 | 40 25 | 39 25 | 49 35 | 49 35 | 60 34 | 56 32 | 45 31 | 45 31 | 37 34 | | 40.2 18.0 | | |
| CMATSWORTH | MAX MIN | 29 18 | 17 -12 | 32 -3 | 38 29 | 37 20 | 40 9 | 41 10 | 36 19 | 46 25 | 44 33 | 39 23 | 33 13 | 36 21 | 48 30 | 45 33 | 42 21 | 48 37 | 72 48 | 40 31 | 41 33 | 50 36 | 69 40 | 63 34 | 61 33 | 61 33 | 64 31 | 62 34 | | 45.5 25.6 | | | |
| CLAYTON | MAX MIN | 25 15 | 17 2 | 20 6 | 34 22 | 37 17 | 37 40 | 39 12 | 36 30 | 42 34 | 39 28 | 34 28 | 31 29 | 30 28 | 45 29 | 42 33 | 43 26 | 46 32 | 54 35 | 69 52 | 58 34 | 38 47 | 43 39 | 47 38 | 69 47 | 62 47 | 62 38 | 60 39 | 50 27 | | 43.2 28.9 | | |
| ELIZABETH | MAX MIN | 26 10 | 21 1 | 23 0 | 33 19 | 40 16 | 41 9 | 44 18 | 38 12 | 50 15 | 45 31 | 39 21 | 33 13 | 37 23 | 49 28 | 47 26 | 40 27 | 44 18 | 57 30 | 51 33 | 43 26 | 51 30 | 45 26 | 65 35 | 61 33 | 59 29 | 62 30 | 57 29 | | 44.2 22.0 | | | |
| FLEMINGTON 1 NE | MAX MIN | 25 10 | 17 -8 | 19 -9 | 36 13 | 36 20 | 45 -4 | 42 5 | 38 6 | 45 23 | 42 33 | 40 19 | 34 5 | 38 19 | 47 29 | 44 26 | 40 11 | 41 31 | 46 36 | 57 28 | 46 28 | 46 34 | 63 43 | 67 34 | 60 38 | 61 36 | 63 32 | 55 33 | | 43.4 20.5 | | | |
| FREEMOLD | MAX MIN | 23 12 | 15 -8 | 31 3 | 33 29 | 39 18 | 40 14 | 34 13 | 45 18 | 45 25 | 41 35 | 37 25 | 34 15 | 36 25 | 47 30 | 44 32 | 38 25 | 45 16 | 50 36 | 64 46 | 48 31 | 40 42 | 47 33 | 68 39 | 62 35 | 59 33 | 64 36 | 56 38 | | 43.8 25.8 | | | |
| MAMMONTON 2 NNE | MAX MIN | 32 16 | 20 -8 | 15 -6 | 38 11 | 35 26 | 36 15 | 42 14 | 40 14 | 34 26 | 46 30 | 43 28 | 32 16 | 33 21 | 40 23 | 47 31 | 46 33 | 38 33 | 62 47 | 71 33 | 43 34 | 40 34 | 55 37 | 52 36 | 71 42 | 62 33 | 64 34 | 64 38 | | 43.9 25.0 | | | |
| HIGH POINT PARK | MAX MIN | 23 -4 | 11 -16 | 15 -12 | 24 8 | 30 10 | 32 12 | 33 8 | 35 13 | 37 19 | 48 24 | 35 10 | 34 11 | 27 15 | 34 24 | 41 11 | 35 19 | 41 22 | 48 36 | 57 23 | 38 19 | 40 24 | 50 24 | 44 34 | 57 41 | 52 26 | 39 26 | 54 12 | | 37.4 15.8 | | | |
| HIGHTSTOWN 1 N | MAX MIN | 24 13 | 16 -6 | 23 -3 | 34 23 | 36 18 | 39 9 | 37 10 | 33 13 | 45 25 | 46 35 | 36 24 | 35 12 | 35 24 | 45 30 | 45 21 | 38 24 | 42 31 | 64 41 | 52 32 | 39 31 | 46 41 | 47 32 | 70 31 | 61 47 | 62 34 | 61 35 | 56 33 | | 43.4 25.1 | | | |
| INDIAN MILLS 2 W | MAX MIN | 25 15 | 16 -8 | 32 -7 | 37 28 | 36 21 | 41 7 | 42 9 | 34 17 | 45 22 | 43 32 | 36 23 | 34 13 | 37 20 | 47 32 | 45 31 | 38 28 | 53 19 | 71 51 | 52 31 | 39 31 | 44 35 | 50 40 | 61 33 | 61 47 | 65 33 | 49 31 | | 44.6 25.0 | | | | |
| JERSEY CITY | MAX MIN | 22 5 | 17 -2 | 27 5 | 31 25 | 36 20 | 39 22 | 38 20 | 33 25 | 48 25 | 40 31 | 32 22 | 31 20 | 36 27 | 42 35 | 42 34 | 36 29 | 45 27 | 58 39 | 40 32 | 38 32 | 48 36 | 44 36 | 61 38 | 52 44 | 55 35 | 59 36 | 51 33 | | 40.9 27.0 | | | |
| LAMBERTVILLE | MAX MIN | 25 12 | 18 -6 | 21 3 | 35 20 | 38 11 | 42 7 | 38 -1 | 46 12 | 46 18 | 43 35 | 38 23 | 35 12 | 39 24 | 49 32 | 44 29 | 40 32 | 42 37 | 61 37 | 49 32 | 39 31 | 43 34 | 64 36 | 67 43 | 59 38 | 61 36 | 63 33 | 54 32 | | 43.4 23.0 | | | |
| LAWTON 3 NW | MAX MIN | 22 14 | 13 -22 | 15 -12 | 32 2 | 34 11 | 40 -2 | 40 5 | 35 -2 | 46 9 | 41 15 | 38 29 | 35 -4 | 36 15 | 47 29 | 43 23 | 38 4 | 40 43 | 60 35 | 47 30 | 41 22 | 54 32 | 40 32 | 58 32 | 52 32 | 54 33 | 60 31 | 56 32 | | 41.4 16.9 | | | |
| LITTLE FALLS 1 E | MAX MIN | 31 12 | 22 -8 | 22 -1 | 32 8 | 33 10 | 45 12 | 46 13 | 50 11 | 40 16 | 53 36 | 46 19 | 38 10 | 34 21 | 52 30 | 48 33 | 40 28 | 60 18 | 62 22 | 42 36 | 62 32 | 46 21 | 52 23 | 66 36 | 55 38 | 59 33 | 68 36 | | 44.8 21.9 | | | | |
| LONG BRANCH | MAX MIN | 24 5 | 20 -3 | 22 13 | 35 30 | 37 22 | 38 20 | 37 19 | 33 22 | 43 27 | 43 30 | 34 21 | 34 27 | 36 27 | 46 35 | 42 33 | 37 25 | 45 30 | 50 40 | 70 34 | 42 35 | 39 38 | 48 50 | 65 38 | 55 43 | 65 36 | 63 37 | 45 32 | | 42.8 27.4 | | | |
| LONG VALLEY | MAX MIN | 25 8 | 20 -8 | 22 -2 | 30 18 | 40 19 | 39 -2 | 42 6 | 43 5 | 51 25 | 44 27 | 37 16 | 33 -2 | 35 14 | 49 24 | 47 24 | 44 26 | 42 12 | 58 33 | 50 27 | 41 25 | 49 31 | 48 32 | 61 34 | 50 35 | 54 36 | 58 32 | 54 31 | | 43.2 20.0 | | | |
| MILLVILLE | MAX MIN | 34 19 | 23 -1 | 17 0 | 38 11 | 36 23 | 40 14 | 41 15 | 40 17 | 34 26 | 45 28 | 45 30 | 35 26 | 34 26 | 40 26 | 50 31 | 47 32 | 71 22 | 62 48 | 42 35 | 53 32 | 39 33 | 45 38 | 53 35 | 70 41 | 59 35 | 64 27 | 63 38 | | 44.4 26.1 | | | |
| MILLVILLE FAA AIRPORT | MAX MIN | 26 8 | 16 -2 | 35 1 | 37 29 | 36 22 | 38 8 | 39 8 | 34 24 | 42 25 | 42 29 | 34 26 | 33 24 | 39 27 | 47 35 | 44 31 | 40 26 | 46 44 | 71 44 | 44 32 | 52 39 | 44 37 | 52 41 | 69 35 | 59 45 | 64 34 | 62 29 | 50 34 | | 44.0 26.6 | | | |
| MOORESTOWN | MAX MIN | 27 2 | 17 -6 | 32 5 | 33 26 | 37 20 | 41 12 | 40 20 | 34 27 | 43 20 | 42 28 | 35 19 | 34 21 | 37 28 | 47 32 | 44 34 | 37 26 | 43 22 | 51 48 | 61 35 | 42 39 | 39 34 | 48 35 | 64 40 | 63 48 | 52 37 | 64 34 | 46 34 | | 42.7 26.1 | | | |
| MORRIS PLAINS | MAX MIN | 28 10 | 18 -6 | 20 -2 | 29 5 | 33 19 | 37 11 | 42 14 | 45 10 | 38 15 | 49 30 | 42 20 | 37 7 | 32 24 | 35 29 | 48 28 | 44 13 | 38 18 | 59 35 | 42 30 | 39 29 | 50 30 | 47 34 | 63 36 | 57 32 | 57 33 | 58 37 | | 41.5 21.5 | | | | |
| NEWARK WB AIRPORT | MAX MIN | 25 3 | 22 -2 | 30 5 | 34 29 | 37 19 | 40 21 | 41 19 | 36 22 | 49 27 | 43 35 | 35 25 | 33 20 | 37 27 | 49 35 | 47 33 | 38 24 | 43 36 | 62 40 | 44 32 | 43 36 | 52 36 | 46 39 | 67 39 | 57 43 | 53 35 | 63 37 | 53 34 | | 43.8 27.8 | | | |
| NEW BRUNSWICK EXP STA | MAX MIN | 27 14 | 19 -5 | 22 2 | 30 21 | 39 19 | 39 17 | 38 11 | 37 17 | 45 25 | 42 34 | 40 24 | 35 16 | 35 24 | 46 30 | 45 32 | 39 18 | 42 38 | 65 38 | 55 32 | 39 32 | 48 38 | 65 3 | | | | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
FEBRUARY 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| TOMS RIVER | MAX | 29 | 28 | 32 | 32 | 34 | 40 | 41 | 40 | 40 | 44 | 42 | 34 | 42 | 45 | 50 | 47 | 50 | 54 | 68 | 63 | 48 | 50 | 54 | 60 | 63 | 58 | 65 | 60 | | | | 46.9 |
| | MIN | 18 | -14 | -6 | 30 | 25 | 11 | 10 | 15 | 32 | 27 | 28 | 29 | 28 | 29 | 28 | 19 | 28 | 36 | 36 | 31 | 34 | 38 | 40 | 42 | 32 | 30 | 32 | 29 | | | | 25.6 |
| TRENTON WB CITY | MAX | 26 | 17 | 31 | 32 | 36 | 38 | 36 | 36 | 44 | 42 | 35 | 33 | 36 | 47 | 43 | 38 | 43 | 55 | 66 | 41 | 40 | 45 | 47 | 68 | 62 | 50 | 62 | 49 | | | | 42.8 |
| | MIN | 3 | -2 | 7 | 28 | 23 | 20 | 17 | 25 | 32 | 34 | 25 | 21 | 27 | 34 | 36 | 31 | 24 | 38 | 41 | 35 | 35 | 36 | 41 | 36 | 46 | 34 | 38 | 33 | | | | 28.5 |
| TUCKERTON | MAX | 27 | 20 | 35 | 40 | 40 | 43 | 40 | 40 | 47 | 44 | 39 | 34 | 37 | 48 | 48 | 40 | 46 | 53 | 74 | 64 | 40 | 45 | 50 | 63 | 55 | 55 | 57 | 47 | | | | 45.4 |
| | MIN | 14 | -7 | -5 | 30 | 20 | 14 | 10 | 19 | 26 | 33 | 26 | 12 | 25 | 27 | 29 | 31 | 17 | 38 | 45 | 32 | 32 | 36 | 38 | 30 | 43 | 35 | 32 | 32 | | | | 25.5 |
| WOODSTOWN | MAX | 30 | 18 | 22 | 37 | 38 | 39 | 37 | 34 | 43 | 44 | 39 | 33 | 39 | 49 | 43 | | 43 | 52 | 66 | 55 | 39 | 43 | 49 | 70 | 61 | 62 | 65 | 54 | | | | 44.6 |
| | MIN | 16 | -4 | -3 | 14 | 16 | 6 | 9 | 19 | 18 | 34 | 28 | 24 | 25 | 33 | 30 | | 22 | 30 | 49 | 34 | 33 | 36 | 40 | 33 | 49 | 32 | 32 | 33 | | | | 25.5 |

DAILY SOIL TEMPERATURES

| Station And Depth | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|---------------------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 34 | 40 | 38 | 46 | 41 | 54 | 50 | 44 | 56 | 41 | | | | 35.7 |
| | MIN | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 33 | 37 | 35 | 41 | 36 | 35 | 35 | | | | 31.7 |
| 2 INCHES | MAX | 31 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 34 | 30 | 30 | 30 | 30 | 30 | 30 | 34 | 31 | 31 | 31 | 33 | 37 | 37 | 45 | 41 | 54 | 49 | 43 | 52 | 40 | | | 35.3 |
| | MIN | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 33 | 37 | 35 | 41 | 40 | 36 | 35 | | | | 32.0 |
| 4 INCHES | MAX | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 33 | 38 | 37 | 44 | 40 | 51 | 48 | 42 | 48 | 40 | | | 34.8 |
| | MIN | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 33 | 37 | 35 | 42 | 42 | 36 | 35 | | | 31.9 |
| 8 INCHES | MAX | 31 | 32 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 36 | 36 | 35 | 38 | 38 | 41 | 43 | 41 | 41 | 39 | | | 34.5 |
| | MIN | 31 | 31 | 31 | 31 | 32 | 31 | 31 | 31 | 31 | 31 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 34 | 35 | 35 | 37 | 37 | 40 | 40 | 39 | 39 | | | 33.6 |
| 16 INCHES | MAX | 34 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 35 | 35 | 35 | 36 | 38 | 38 | 40 | 40 | 39 | 39 | | | 34.8 |
| | MIN | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 33 | 35 | 35 | 35 | 36 | 37 | 39 | 40 | 39 | 39 | | | 34.5 |
| 32 INCHES | MAX | - | - | - | - | - | - | - | - | 36 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 36 | 35 | 36 | 36 | 36 | 37 | 38 | 38 | 39 | 39 | 39 | | | - | |
| | MIN | - | - | - | - | - | - | - | - | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 36 | 36 | 36 | 37 | 37 | 39 | 39 | 39 | | | - | | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 32 | 48 | 43 | 39 | 47 | 42 | 54 | 49 | 44 | 51 | 40 | | | 36.3 | |
| | MIN | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 35 | 32 | 33 | 34 | 39 | 35 | 42 | 41 | 35 | 34 | | | 32.3 | |
| 2 INCHES | MAX | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 32 | 47 | 43 | 39 | 47 | 42 | 54 | 48 | 44 | 51 | 40 | | | 36.1 | |
| | MIN | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 31 | 34 | 33 | 33 | 34 | 40 | 35 | 42 | 41 | 35 | 34 | | | 32.4 | |
| 4 INCHES | MAX | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 32 | 44 | 41 | 38 | 46 | 41 | 50 | 47 | 43 | 48 | 40 | | | 35.6 |
| | MIN | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 34 | 34 | 34 | 40 | 36 | 42 | 40 | 36 | 35 | | | 32.6 | |
| 8 INCHES | MAX | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 32 | 32 | 32 | 40 | 38 | 37 | 40 | 39 | 43 | 44 | 41 | 44 | 40 | | | 35.2 |
| | MIN | 31 | 31 | 31 | 32 | 32 | 32 | 32 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 33 | 35 | 35 | 37 | 37 | 37 | 42 | 40 | 37 | 38 | | | 33.5 |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Elektronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

SNOWFALL AND SNOW ON GROUND

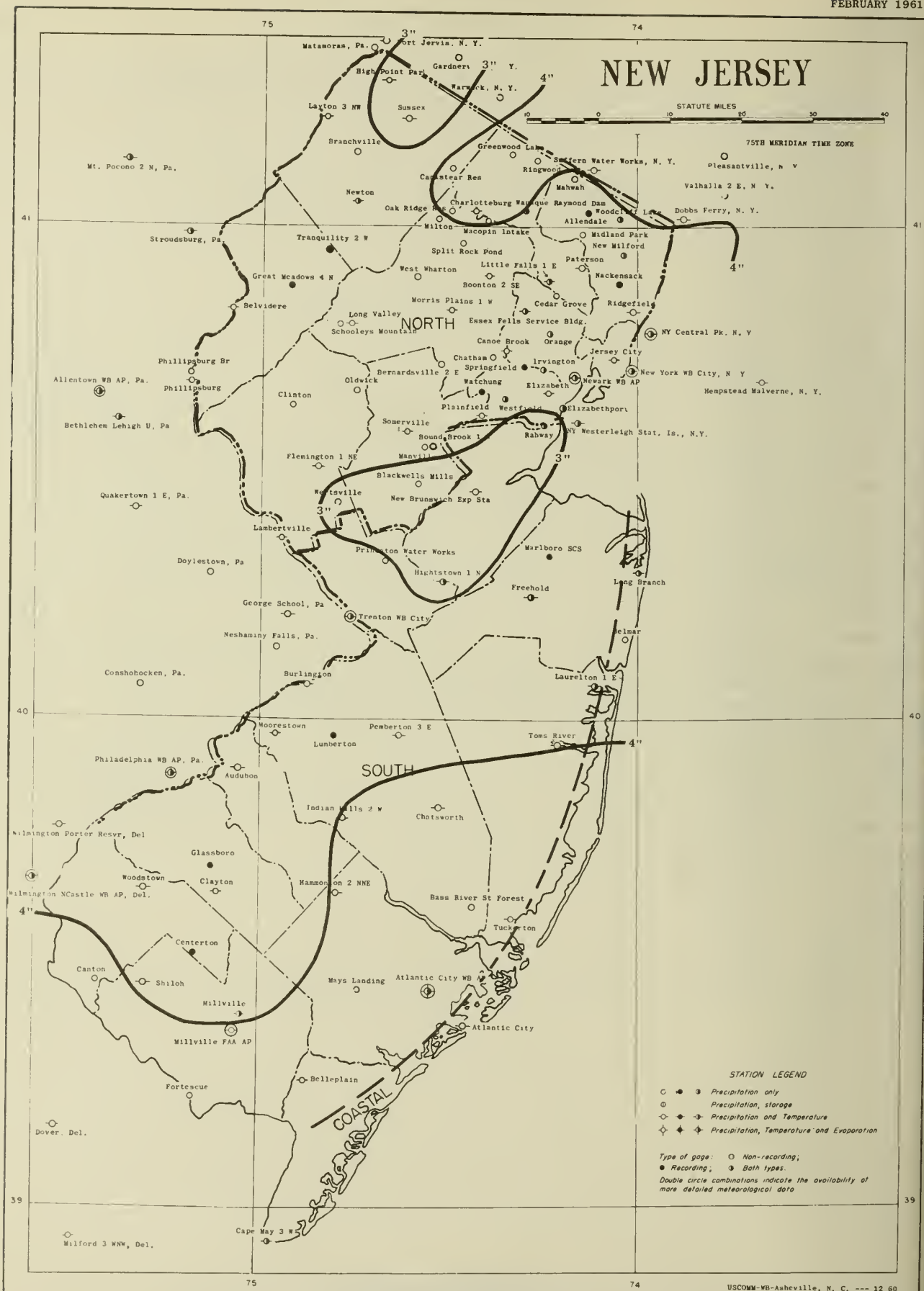
NEW JERSEY
FEBRUARY 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|---------------|--------------|----------------|---------------|--------------|--------------|--------------|---------------|--------------|--------------|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | .2 5 .5 | 5 5 .5 | 4.2 5 .5 | .7 2 .2 | 3 3 .3 | 2 2 .2 | 2 2 .2 | .4 2 .2 | 2 1 .2 | 1 1 .2 | 1.2 1 .2 | 2 2 .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | T T .2 | |
| BASS RIVER ST FOREST | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| SELVIDERE | SNOWFALL SN ON GND | 12 | 12 | 13 | 16.0 | T | 27 | 25 | 22 | 19 | 17 | 16 | 15 | 15 | 13 | 12 | 11 | 11 | 10 | 7 | 6 | 6 | 2 | 1 | T | T | T | T | T | T | T | T | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | 28 | 28 | 27 | 17.5 | 3.0 | 44 | 47 | 44 | 43 | 40 | 38 | 35 | 34 | 34 | 34 | 31 | 28 | 26 | 26 | 22 | 20 | 15 | 12 | 10 | 8 | 7 | 5 | 2 | 1 | | | |
| CLAYTON | SNOWFALL SN ON GND | 8 | - | 4.5 | 1.0 | 12 | 11 | 10 | 8 | 8 | 4.0 | 6 | 5 | 3 | 3.0 | 3 | T | T | T | T | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | T | 24 | T | 24.0 | T | 48 | 43 | 37 | 34 | 30 | 27 | T | * | .8 | 17 | 15 | 12 | 11 | 10 | 9 | 5 | 3 | 2 | 1 | T | T | T | T | T | T | .8 | |
| FREEHOLD | SNOWFALL SN ON GND | 14 | 14 | 16 | 2.5 | 9.6 | 25 | 25 | 25 | 25 | 24 | 23 | 22 | 22 | 21 | 19 | 18 | 18 | 16 | 13 | - | - | - | - | - | - | - | - | - | - | - | - | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | T | 13 | 13 | 2.0 | 8.0 | 21 | 20 | 19 | 19 | 15 | 13 | 13 | 13 | 12 | 10 | 8 | 9 | 7 | 5 | T | T | T | T | T | T | T | T | T | T | T | T | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GND | T | 7 | 7 | 3.0 | 5.8 | 11 | 10 | 9 | 8 | T | 8 | 7 | 7 | 7 | 6 | 4 | 4 | 3 | 1 | | | | | | | | | | | | T | |
| LAMBERTVILLE | SNOWFALL SN ON GND | T | 11 | 10 | 3.5 | 12.0 | 22 | 20 | 18 | 18 | 15 | 12 | 10 | 9 | 8 | 6 | 5 | 5 | 4 | 3 | 3 | 2 | 1 | T | T | T | T | T | T | T | T | T | |
| LAYTON 3 NW | SNOWFALL SN ON GND | 30 | 30 | 30 | .4 | 21.5 | 50 | 50 | 47 | 47 | 38 | 35 | 27 | 27 | 27 | 27 | 25 | 27 | 26 | 24 | 20 | 20 | 20 | 18 | 18 | 15 | 10 | 8 | 4 | | .8 | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | 14 | 14 | 13 | 13.0 | 3.0 | 28 | 27 | 26 | 25 | 24 | 22 | 21 | 20 | 19 | 19 | 15 | 16 | 15 | 14 | 12 | 10 | 9 | 9 | 7 | 4 | 3 | 1 | 1 | | | | |
| LONG BRANCH | SNOWFALL SN ON GND | T | 10 | 10 | 5.0 | 3.0 | 16 | 14 | 13 | 12 | 12 | 11 | 11 | 10 | 10 | 9 | 7 | 6 | 5 | 5 | T | T | T | T | T | T | T | T | T | T | T | T | |
| LONG VALLEY | SNOWFALL SN ON GND | - | - | - | 18.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MILLVILLE | SNOWFALL SN ON GND | T | - | - | * | 7.5 | - | - | - | - | - | - | - | 2.0 | - | - | - | T | - | - | - | 1.0 | - | - | - | - | - | - | - | - | - | - | |
| MILLVILLE FAA AIRPORT | SNOWFALL SN ON GND | .1 10 | 10 | 10 | 4.0 10 | 1.0 9 | 9 | 8 | 7 | 1.0 6 | 6 | 5 | 4 | 4 | 6 | 4 | 2 | 1 | T | T | | | T | | | | | | T | T | T | T | |
| MOORESTOWN | SNOWFALL SN ON GND | 4 | 3 | 3 | 11.0 | 14 | 13 | 12 | 11 | 10 | 9 | 7 | 6 | 5 | 4 | 3 | 2 | 2 | 5 | 1 | | | | | | | | | | | | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | T | - | - | 14.0 | 4.0 | - | - | - | - | - | - | - | T | - | T | T | - | 1.0 | 1 | - | - | - | - | - | - | - | .4 | T | T | T | T | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | 7 1.0 | 7 .9 | 7 .9 | 7.4 2.3 | 15.2 3.3 | 25 3.2 | 21 3.0 | 16 2.7 | 12 2.5 | 11 2.6 | 9 2.5 | 8 2.5 | 7 2.4 | 7 2.3 | 5 2.4 | 4 2.3 | 4 2.4 | 3 2.0 | 2 1.8 | 1 | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | 9 | 8 | 10 | 1.8 | 19.0 | 18 | 15 | 13 | 12 | 10 | 8 | 7 | 7 | 7 | 5 | 4 | 4 | 3 | 3 | T | T | | | | | | | | | | T | |
| NEWTON | SNOWFALL SN ON GND | - | - | - | 15.0 | 3.0 | - | - | - | - | - | - | - | - | - | - | - | - | 1.8 | T | - | - | - | - | - | - | - | - | - | - | - | - | |
| PATERSON | SNOWFALL SN ON GND | - | - | - | 20.1 | 2.6 | - | - | - | - | - | - | - | - | - | - | - | - | 1.0 | T | - | - | - | - | - | - | - | - | - | T | - | - | |
| PEMBERTON 3 E | SNOWFALL SN ON GND | 9 | 9 | 11 | 2.0 | 2.0 | 12 | 11 | 11 | 10 | 10 | 8 | 8 | 9 | 8 | 6 | 4 | 3 | 1 | T | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL SN ON GND | 12 | 12 | 12 | 15.0 | 24 | 20 | 20 | 19 | 17 | 15 | 13 | 11 | 10 | 8 | 6 | 5 | 5 | 2 | T | T | T | T | | | | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | T | 8 | 7 | 6 | 18.0 | 23 | 22 | 21 | 20 | 18 | 16 | 14 | 12 | 10 | 9 | 7 | 6 | 5 | 4 | 2 | 2 | | | | | | | | | | | |
| RAHWAY | SNOWFALL SN ON GND | 11 | 10 | 10 | 10.0 | 12.8 | 27 | 23 | 20 | 18 | 15 | 12 | 10 | 8 | 7 | 7 | 7 | 6 | 4 | 2 | 2 | T | T | T | | | | | | | | | |
| SOMERVILLE | SNOWFALL SN ON GND | - | - | - | 3.0 | 11.0 | 19 | - | - | - | - | - | - | - | T | - | - | - | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| TRENTON WB CITY | SNOWFALL SN ON GND | .2 4 | 4 | 4 | 6.0 4 | 2.0 10 | 12 | 10 | 7 | 6 | 6 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | T | T | T | | | | | | T | T | T | T | |
| WANACHEE RAYMOND DAM | SNOWFALL SN ON GND | 15 | 15 | 15 | 18.0 | 4.0 | 32 | 26 | 26 | 24 | 22 | 18 | 14 | 15 | 14 | 13 | 12 | 12 | 12 | 10 | 10 | 6 | 5 | 4 | 3 | 2 | T | T | T | T | T | T | |

See reference notes following Station Index

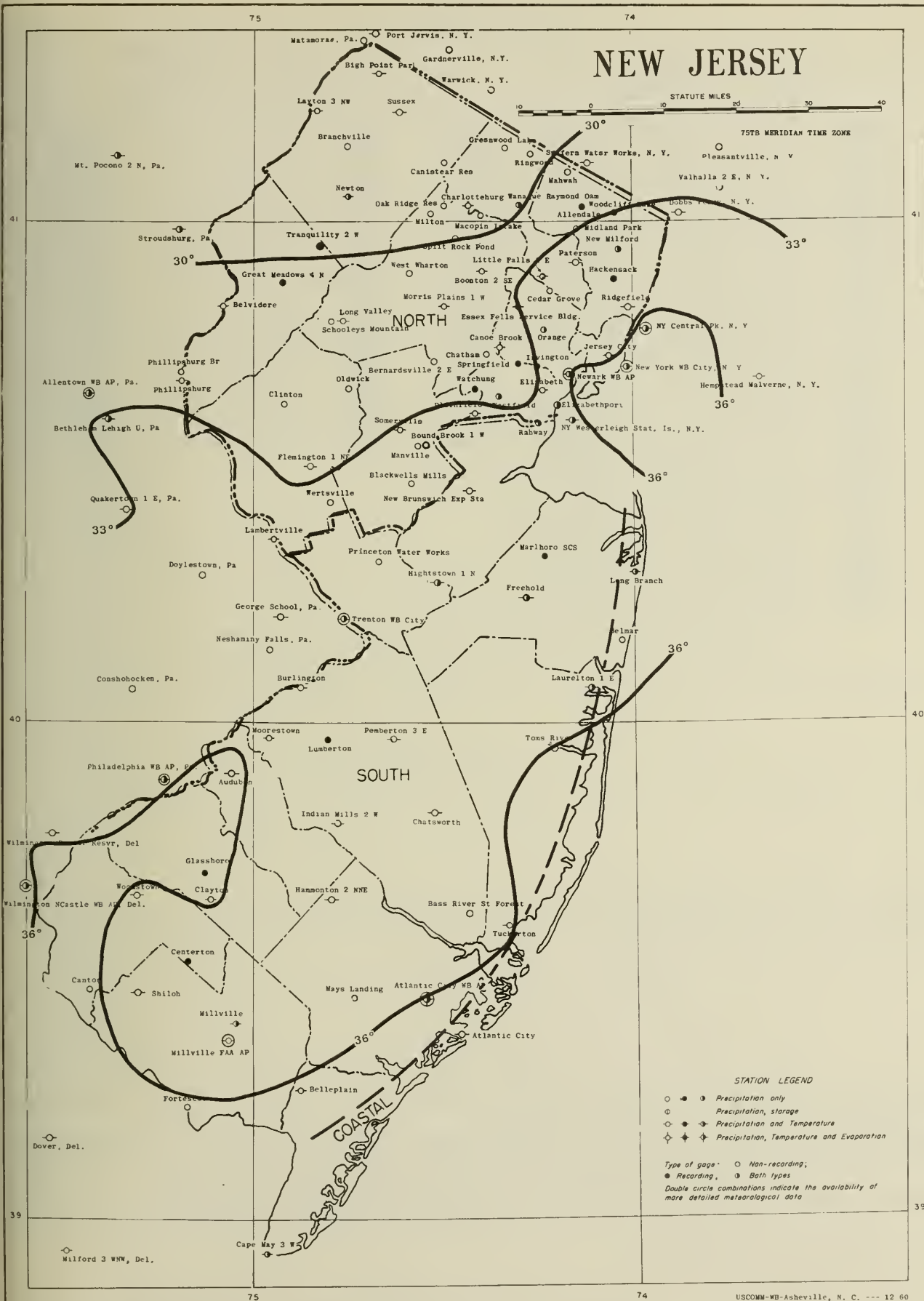
TOTAL PRECIPITATION

NEW JERSEY
FEBRUARY 1961



AVERAGE TEMPERATURE

NEW JERSEY
FEBRUARY 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
FEBRUARY 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------------------|-----------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | C BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | NID | NID | 7P | | C NJ U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | NID | NID | | | C STATE MARINA |
| AUGUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | | | | H IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | 6P | | | | H N.J. FORESTRY SERVICE |
| BELLEPLAIN | 0690 | CAPE MAY | 1 | 39 16 | 74 52 | 49 | 5P | 5P | | | MRS. ED C. HOFFMAN |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | | | | | BEHMER WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | H CLEMENT MAUP |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | C BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | C HENRY M. MILLER |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 34 | 74 24 | 280 | 8A | 8A | | | C JERSEY CITY WATER WORKS |
| BOUNY BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | C AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | C ALBERT N. DAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | C PUBLIC SVC. E. + G. CO. |
| CANISTEAP RESERVOIR | 1397 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | C NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | C COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | C GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 56 | 74 57 | 17 | 5P | 5P | | | C N.WEST MAGNETITE CO. |
| CEGAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | C J. A. PLUMRETT |
| CENTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | C JOHN HOPKINS UNL. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | C NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | C EDWARD P. NOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | C EARL M. KERCHNER |
| CLAYTON | 1708 | GLoucester | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | C HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | C L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | 5P | | | C UNION CO. PARK CONM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | NID | | | | C SEWAGE TREATMENT PLANT |
| ESSER FELL: SERV BLDG | 2746 | ESSEX | 8 | 40 50 | 74 16 | 250 | 8A | | | | C BOROUGH ESSER FELS |
| FLAMINGHAM 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | C DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | C JOHN LOPER |
| FREEDHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | C H FRANK J. MOREAU |
| GLASSBORO | 3291 | GLoucester | 2 | 39 42 | 75 07 | 150 | | | | | C PROF. J. B. SANGREE |
| GREAT MEADOWS 4 N | 3418 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | C GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | C GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | C BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NHE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | C W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | C M. J. DEPT. OF CONS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | C JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | C EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | NID | | | | C JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | NID | NID | | | C JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | C H E. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | NID | NID | | | C M GEORGE G. WOODILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | C M. A. M. DEPU |
| LITTLE FALLS 1 E | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 157 | 9A | 9A | | | C M PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 73 59 | 34 | NID | NID | | | C HJ WILLIAM D. MARTIN JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | C H ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | C JAMES LAWTON |
| NACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | | | | | C NEWARK WATER DEPT. |
| NAHAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | C ROBERT G. GLASGOW |
| NAVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | NID | | | | C JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | C GERON BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 50 | 5P | | | | C ELMER EARLE |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | | C RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | C H L. J. GALLAMER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | NID | NID | | | C |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | | H FED. AVIATION AGENCY |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | NID | 8A | | | H M. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | H JAMES C. LONG |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | NID | NID | | | C NJ U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | | C H ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | NID | | | | C HACKENSACK WATER CO. |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | C H NEWTON HTR. + SHPLCONM. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | 8A | | | | C NEWARK WATER DEPT. |
| OLDICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | C DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | NID | | | | C COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 55 | 74 09 | 100 | 8A | | | | H P. J. DEL VECCHIO |
| PENBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | 5P | 5P | | | H PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | C H SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 194 | 9A | | | | C JOINT TOLL BRIDGE CONN. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 170 | 8P | 8P | | | C H MRS VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 19 | 74 40 | 90 | NID | | | | C PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | NID | | | | C H RAHWAY VLY. SHG. AUTH. |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | NID | NID | | | C H GEORGE P. KIRSTEN |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | C M. J. DEPT. OF CONS. |
| SCHOOLEYS MOUNTAIN | 7898 | MORRIS | 10 | 40 48 | 74 48 | 1000 | 8A | | | | C JOHN VANSTONE |
| SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 16 | 120 | 5P | 5P | | | C EVERETT DICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | C H W. E. MAVER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | C JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 16 | - | | | | | C M. J. DEPT. OF CONS. |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | C BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | C TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | NID | NID | | | C H J. J. ERMV |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | NID | NID | | | C HJ U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | C REV. WALTER T. GANDEK |
| WANAQUE RAYMOND DAN | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | | C H WATER SUPPLY CONM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | C BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | C ROBERT M. MANNERS |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | NID | | | | C CITY ENGINEER |
| WEST HARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | C N.J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | NID | NID | | | C HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEN | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | C CREAM VALLEY DAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table, and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 4/6/61 --- 800

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VNT

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MARCH 1961
Volume 66 No. 3



THE LIBRARY OF THE
MAY 19 1961
UNIVERSITY OF ILLINOIS

ASHEVILLE: 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 79° on the 28th at Burlington

Lowest Temperature: 2° on the 18th at High Point Park

Greatest Total Precipitation: 7.61 inches at Burlington

Least Total Precipitation: 3.31 inches at Midland Park

Greatest One-Day Precipitation: 2.19 inches on the 24th at Bernardsville 2'E

Greatest Reported Total Snowfall: 14.5 inches at Canistear Reservoir

Greatest Reported Depth of Snow on Ground: 10 inches on the 3+ at Canistear Reservoir

PREPARATION AND PUBLICATION OF THIS BULLETIN

Much of the data presented in this publication comes from observations taken by volunteer cooperative observers. These observations are mailed after the close of the month to a Weather Records Processing Center, where they are checked for accuracy and completeness and placed on punch cards. These cards are used to prepare copy for the various tables. Printing and mailing is done at the National Weather Records Center at Asheville, North Carolina.

The various steps all take time. Records for any state can not be checked by machine until nearly all of them for that state have been received. Printing can not be done until all tables and the text for an issue are completed and assembled.

Constant effort is made to speed up publication and still maintain high quality of the data. A realistic deadline for mailing the printed Climatological Data has been set as the 15th of the second following month (45 days after the end of the month for which data are published). If any recipient's copy is unduly delayed, the Director, National Weather Records Center, Asheville, North Carolina should be advised.

CLIMATOLOGICAL DATA

NEW JERSEY
MARCH 1961

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|--|-----------------|-----------------|---------|--------------------------------|---------|------|--------|------|-------------|--------------|--------------|---------------|--------------|-------|--------------------------------|--------------|------|-------------|---------------------|------|-------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Days | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min. | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 90° or Above | 70° or Above | 50° or Above | 30° or Above | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIOERE | | 50.9 | 28.1 | 39.5 | - .2 | 73 | 28 | 9 | 18 | 784 | 0 | 0 | 21 | 0 | 4.15 | -.09 | .94 | 23 | 3.2 | 2 | 9 | 8 | 3 | 0 |
| BOONTON 2 SE | | 46.2 | 29.4 | 37.8 | .1 | 73 | 29 | 13 | 18 | 836 | 0 | 2 | 19 | 0 | 5.28 | 1.27 | 1.92 | 24 | | | | 7 | 3 | 2 |
| CANOE BROOK | | 47.5 | 29.3 | 38.4 | .5 | 75 | 29 | 12 | 18 | 815 | 0 | 2 | 21 | 0 | 5.69 | 1.33 | 1.94 | 24 | 4.3 | 1 | 24 | 7 | 3 | 3 |
| CHARLOTTEBURG | | 45.6 | 26.5 | 36.1 | - 1.2 | 75 | 29 | 9 | 18 | 890 | 0 | 3 | 25 | 0 | 5.78 | 1.19 | 2.10 | 24 | 13.5 | 7 | 24 | 8 | 3 | 3 |
| ELIZABETH | | 52.1 | M | M | | 77 | 28 | | | | 0 | 0 | | 0 | 6.43 | 1.96 | 2.00 | 23 | 3.1 | T | 23+ | 10 | 4 | 2 |
| ESSEX FELS SERV BLOG | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | | 52.9 | 28.6 | 40.8 | .0 | 78 | 28 | 11 | 18 | 742 | 0 | 0 | 21 | 0 | 5.15 | 1.02 | 1.84 | 23 | 3.1 | 1 | 23 | 7 | 4 | 1 |
| HIGH POINT PARK | | 41.6 | 22.7 | 32.2 | | 71 | 29 | 2 | 18 | 1010 | 0 | 7 | 28 | 0 | 3.47 | .96 | .96 | 14 | 13.0 | 7 | 25+ | 9 | 2 | 0 |
| JERSEY CITY | | 45.4 | 31.6 | 38.5 | - 1.8 | 64 | 28 | 16 | 18 | 814 | 0 | 2 | 17 | 0 | 5.48 | 1.48 | 1.60 | 23 | | | | 10 | 3 | 2 |
| LAMBERTVILLE | | 52.2 | 31.0 | 41.6 | - 1.4 | 77 | 28 | 14 | 18 | 719 | 0 | 0 | 16 | 0 | 4.74 | .63 | 1.12 | 23 | 1.0 | 0 | | 8 | 4 | 1 |
| LAYTON 3 MW | | 49.3 | 26.7 | 38.0 | 1.7 | 76 | 28 | 4 | 18 | 831 | 0 | 0 | 23 | 0 | 3.87 | .39 | .93 | 23 | 10.4 | 3 | 23+ | 8 | 3 | 0 |
| LITTLE FALLS | | 50.5 | 30.4 | 40.5 | .8 | 78 | 29 | 14 | 18 | 754 | 0 | 0 | 20 | 0 | 5.79 | 1.39 | 2.06 | 24 | 6.7 | 4 | 24 | 7 | 3 | 3 |
| LONG VALLEY | | 49.8 | 27.4 | 38.6 | | 76 | 28 | 10 | 18 | 810 | 0 | 0 | 21 | 0 | 4.52 | .17 | 1.50 | 23 | 2.0 | | | 10 | 3 | 1 |
| MORRIS PLAINS | | 46.7 | 29.1 | 37.9 | | 74 | 29 | 10 | 18 | 835 | 0 | 2 | 21 | 0 | 5.48 | | 2.10 | 24 | | 4 | 24 | 9 | 3 | 2 |
| NEWARK WB AIRPORT | | R 49.2 | 33.2 | 41.2 | .7 | 73 | 5 | 17 | 18+ | 729 | 0 | 0 | 12 | 0 | 4.96 | 1.18 | 1.52 | 23 | 4.0 | 1 | 9 | 9 | 3 | 1 |
| NEWTON | | | | | | | | | | | | | | | | | | | | | | | | |
| PATERSON | | 45.4 | 27.4 | 36.4 | - .5 | 74 | 29 | 9 | 18 | 881 | 0 | 2 | 22 | 0 | 3.84 | .26 | .84 | 14 | 4.5 | 3 | 9 | 10 | 3 | 0 |
| PHILLIPSBURG | | 49.9 | 31.0 | 40.5 | .6 | 74 | 29 | 15 | 18+ | 753 | 0 | 0 | 17 | 0 | 4.61 | .15 | 1.05 | 24 | 6.3 | | | 8 | 4 | 1 |
| PLAINFIELD | | 53.6 | 29.5 | 41.6 | 2.3 | 75 | 28 | 13 | 18 | 721 | 0 | 0 | 19 | 0 | 3.58 | .66 | 1.22 | 9 | 2.0 | 1 | 9 | 4 | 3 | 1 |
| SOMERVILLE | | 50.6 | 31.3 | 41.0 | .8 | 76 | 28 | 14 | 18 | 737 | 0 | 0 | 17 | 0 | 6.05 | 1.76 | 2.10 | 23 | 2.0 | 0 | | | | |
| | | 49.7 | 30.8 | 40.3 | .3 | 75 | 28 | 11 | 18 | 759 | 0 | 1 | 19 | 0 | 5.29 | 1.21 | 1.90 | 23 | .8 | 0 | | 8 | 4 | 2 |
| SUSSEX | | 46.3 | 26.0 | 36.2 | - 1.7 | 76 | 29 | 10 | 19+ | 886 | 0 | 2 | 24 | 0 | 4.07 | .44 | .92 | 14 | 8.0 | | | 9 | 3 | 0 |
| DIVISION | | | | 38.8 | - .2 | | | | | | | | | | 4.91 | .72 | | | 5.2 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 51.6 | 34.3 | 43.0 | 1.5 | 78 | 28 | 17 | 18 | 677 | 0 | 0 | 10 | 0 | 6.36 | 3.01 | 1.67 | 8 | .2 | T | 10 | 7 | 5 | 3 |
| AUOUBON | | 52.5 | 34.0 | 43.3 | | 77 | 28 | 18 | 18 | 667 | 0 | 0 | 11 | 0 | 5.46 | | 1.15 | 14 | T | T | 22 | 12 | 5 | 1 |
| BURLINGTON | | 53.4M | 34.8 | 44.1M | 1.4 | 79 | 28 | 18 | 18 | 650 | 0 | 0 | 10 | 0 | 7.61 | 3.10 | 1.35 | 23 | T | T | 1 | 10 | 7 | 2 |
| CHATSWORTH | | 54.3 | 31.8 | 43.1 | | 77 | 28 | 12 | 18 | 674 | 0 | 0 | 13 | 0 | 6.14 | | 1.71 | 23 | .0 | 0 | | 9 | 5 | 3 |
| CLAYTON | | 52.3 | 34.4 | 43.4 | | 77 | 28 | 21 | 18+ | 664 | 0 | 0 | 10 | 0 | 5.16 | | 1.35 | 8 | T | 0 | | 7 | 4 | 3 |
| FREEHOLD | | | | | | | | | | | | | | | | | | | | | | | | |
| HAMMONTON 2 NNE | | 50.6 | 31.6 | 41.1 | .7 | 76 | 28 | 13 | 18 | 733 | 0 | 0 | 14 | 0 | 6.19 | 1.99 | 1.66 | 23 | T | 0 | | 7 | 5 | 2 |
| HIGHTSTOWN 1 N | | 52.5 | 33.5 | 43.0 | .6 | 78 | 29 | 11 | 18 | 676 | 0 | 0 | 13 | 0 | 5.19 | .89 | 1.44 | 9 | .0 | 0 | | 8 | 5 | 2 |
| INDIAN MILLS 2 W | | 51.6 | 32.1 | 41.9 | 1.2 | 76 | 28 | 15 | 18 | 709 | 0 | 0 | 16 | 0 | 5.75 | 1.85 | 1.87 | 22 | T | 0 | | 7 | 4 | 2 |
| MILLVILLE | | 51.9 | 31.9 | 41.9 | .6 | 77 | 28 | 11 | 18 | 709 | 0 | 0 | 13 | 0 | 5.71 | 1.47 | 1.22 | 23 | T | 0 | | 8 | 5 | 3 |
| | | 52.3 | 34.5 | 43.4 | | 77 | 29 | 19 | 18 | 663 | 0 | 0 | 13 | 0 | 5.02 | | 1.20 | 8 | T | 0 | | 8 | 4 | 1 |
| MILLVILLE FAA AIRPORT | | 52.1 | 34.4 | 43.3 | | 76 | 28 | 19 | 18 | 666 | 0 | 0 | 12 | 0 | 4.96 | | 1.09 | 23 | T | 0 | | 8 | 4 | 2 |
| MOORESTOWN | | 51.0 | 32.3 | 41.7 | .6 | 76 | 28 | 18 | 18 | 715 | 0 | 0 | 16 | 0 | 5.69 | 1.82 | 1.17 | 14 | .5 | T | 23+ | | | |
| NEW BRUNSWICK EXP STA | | 51.8 | 31.6 | 41.7 | 1.1 | 75 | 28 | 14 | 18 | 717 | 0 | 0 | 16 | 0 | 5.95 | 2.09 | 1.95 | 23 | T | T | 8 | 7 | 4 | 3 |
| PEMBERTON 3 E | | 54.4 | 32.2 | 43.3 | 1.0 | 76 | 28 | 15 | 18 | 669 | 0 | 0 | 14 | 0 | 6.69 | 2.96 | 1.83 | 23 | .0 | 0 | | 9 | 5 | 3 |
| SHILOM | | 53.2 | 34.2 | 43.7 | .9 | 75 | 28 | 18 | 18 | 654 | 0 | 0 | 13 | 0 | 4.19 | .35 | 1.02 | 19 | .0 | 0 | | 7 | 4 | 1 |
| TOMS RIVER | | | | | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | | R 51.3 | 32.2 | 41.8 | | 65 | 28+ | 15 | 18+ | 712 | 0 | 0 | 14 | 0 | 6.44 | | 1.50 | 23 | .0 | 0 | | 7 | 5 | 3 |
| TUCKERTON | | 49.8 | 33.4 | 41.6 | .3 | 76 | 28 | 17 | 18 | 719 | 0 | 0 | 13 | 0 | 5.81 | 2.61 | 1.82 | 23 | .4 | T | 13+ | 9 | 5 | 2 |
| WOOSTOWN | | 52.7 | 32.4 | 42.6 | | 72 | 5 | 12 | 18 | 690 | 0 | 0 | 15 | 0 | 6.35 | | 1.75 | 23 | .0 | 0 | | 9 | 5 | 3 |
| | | 53.0M | 34.0M | 43.5M | | 77 | 28 | 18 | 18 | 656 | 0 | 0 | 13 | 0 | 4.67 | | 1.04 | 14 | | | | 9 | 4 | 1 |
| DIVISION | | | | 42.7 | 1.2 | | | | | | | | | | 5.75 | 1.69 | | | .1 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | R 48.6 | 35.3 | 42.0 | .5 | 73 | 28 | 20 | 18 | 706 | 0 | 0 | 7 | 0 | 5.48 | 1.95 | 1.44 | 8 | | | | 9 | 5 | 2 |
| CAPE MAY 3 W | | 52.0 | 37.0M | 44.5M | | 75 | 29 | 20 | 18 | 623 | 0 | 0 | 7 | 0 | 4.87 | | 1.48 | 23 | T | 0 | | 7 | 4 | 2 |
| LONG BRANCH | | R 47.2 | 33.1 | 40.2 | .0 | 67 | 5 | 18 | 18 | 763 | 0 | 1 | 12 | 0 | 6.68 | 2.39 | 1.58 | 8 | T | 0 | | 10 | 4 | 3 |
| DIVISION | | | | 42.2 | 1.5 | | | | | | | | | | 5.68 | 1.82 | | | T | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset | |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|--|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| ATLANTIC CITY WB AIRPORT | NW | 13 | 12.8 | 35 | E | 8 | 75 | 78 | 54 | 68 | 6 | 6 | 2 | 2 | 3 | 0 | 19 | 58 | 6.5 | |
| ATLANTIC CITY | - | - | 14.1 | 35 | E | 8 | - | - | - | - | - | 5 | 4 | 3 | 2 | 0 | - | - | - | |
| LONG BRANCH | NW | 15 | 13.1 | 50 | NW | 10+ | - | 70 | 63 | 66 | 3 | 4 | 6 | 1 | 3 | 0 | 17 | 60 | 6.0 | |
| NEWARK WB AIRPORT | NW | 13 | 13.1 | 31++ | NW | 9 | 67 | 66 | 49 | 58 | 5 | 7 | 6 | 2 | 1 | 0 | 21 | - | 6.3 | |
| TRENTON WB CITY | NW | - | 10.4 | 34 | NW | 10 | - | - | - | - | 4 | 6 | 4 | 3 | 2 | 0 | 19 | 58 | 6.1 | |
| Ø 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
MARCH 1961

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|--------------|-----|---|-----|-----|-----|------|------|-----|-----|----|----|-----|------|------|-----|-----|-----|------|-----|-----|------|------|------|-----|----|----|-----|-----|-----|-----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY W8 AP | 6.36 | .06 | | | | .08 | | T | 1.67 | .04 | .02 | | | T | 1.20 | T | .10 | | .26 | .77 | | | .38 | 1.30 | | | | | .06 | T | | .72 |
| ATLANTIC CITY | 5.48 | .13 | | | .10 | .01 | | | 1.44 | .02 | .02 | | | | .90 | | .20 | | .26 | .68 | | | .05 | 1.04 | | | | | .05 | | .58 | |
| AUDUBON | 5.46 | .16 | | | .22 | T | .30 | | .93 | .15 | | | | T | 1.15 | T | | | .23 | .63 | | | .20 | .72 | | | | | .20 | | .57 | |
| BASS RIVER ST FOREST | 6.23 | .19 | | | | | | | 1.73 | | .03 | | | T | 1.26 | | .08 | | | .94 | | | 1.55 | .05 | | | | | | | | |
| BELVIOERE | 4.15 | .04 | .16 | | T | .11 | .22 | .08 | .71 | .49 | T | | | T | .91 | T | | | | .35 | | | | .94 | .07 | | | | | .07 | | |
| BERNARDSVILLE 2 E | 6.22 | .13 | .23 | | | .08 | | .32 | 1.16 | | | | | | 1.20 | .12 | | | | .40 | .05 | | | .10 | 2.19 | | | | | .24 | | |
| BLACKWELLS MILLS | 6.19 | .19 | .24 | | | .08 | .03 | .36 | .98 | T | | | | | 1.28 | .06 | | | | .61 | | | | .15 | 1.95 | | | | | .26 | | |
| BOONTON 2 SE | 5.28 | .06 | .20 | | | .02 | T | .33 | .97 | T | | | | | 1.16 | .02 | | | | .37 | T | | | .04 | 1.92 | | | | | .19 | | |
| BOUND BROOK 1 W | 5.64 | .02 | .22 | | | .01 | T | .23 | 1.04 | | | | | | 1.06 | .02 | | | | .50 | .14 | | | .08 | 2.04 | | | | | .28 | | |
| BRANCHVILLE | 4.36 | .07 | .17 | | | .09 | | .36 | .86 | .09 | | | | | 1.06 | T | | T | | .28 | .04 | | | .14 | 1.06 | | | | | .14 | | |
| BURLINGTON | 7.61 | .25 | | | .75 | .15 | .09 | | .70 | .25 | | | | .95 | 1.08 | | | | | .07 | .95 | | | .07 | 1.35 | | | | T | | .95 | |
| CANISTEAR RESERVOIR | 5.38 | .02 | .16 | | | .10 | .02 | .39 | .84 | .05 | | | | | .99 | .23 | | | | .44 | .05 | | | .13 | 1.67 | T | | | | .29 | | |
| CANOE BROOK | 5.69 | .08 | .23 | | | .09 | T | .27 | 1.01 | | | | | | 1.24 | T | | | | .45 | .04 | | | .09 | 1.94 | | | | | .25 | | |
| CANTON | 4.61 | .30 | | | .10 | | | .11 | .01 | .98 | .14 | | | | .84 | | T | | | .91 | .03 | | | .84 | .10 | | | | | .25 | | |
| CAPE MAY 3 W | 4.87 | | .18 | | | | | .03 | 1.18 | .21 | T | | | | .51 | | .26 | .01 | | .95 | .01 | | | 1.48 | | | | | | .05 | | |
| CEAR GROVE | 5.55 | .05 | .30 | | | | | .35 | 1.05 | | | | | | 1.30 | .02 | | | | * | | | | .37 | 1.85 | | | | | .26 | | |
| CHARLOTTEBURG | 5.78 | .05 | .21 | | | .09 | .01 | .40 | 1.07 | .02 | | | | | 1.25 | T | | | | .25 | .06 | | | .10 | 2.10 | | | | | .17 | | |
| CHATHAM | 6.04 | .09 | .20 | | | .12 | .06 | .20 | .90 | | | | | | 1.20 | T | | | | .40 | .05 | | | .60 | 2.00 | | | | | .22 | | |
| CHATSORTH | 6.14 | .12 | .07 | | | .17 | .11 | | .91 | .80 | | | | | .03 | 1.05 | | | | 1.02 | | | | 1.71 | .04 | | | | | .11 | | |
| CLAYTON | 5.16 | | | | .05 | .07 | .02 | T | 1.35 | .03 | T | | T | | 1.09 | | | | | T | .91 | .15 | | .15 | 1.15 | .14 | | | | T | | .05 |
| CLINTON | 4.17 | .07 | .13 | | .09 | | .20 | .11 | .55 | .40 | | | | | .10 | .80 | T | | | .33 | T | | | 1.23 | .03 | | | | | .13 | | |
| ELIZABETH | 6.43 | .05 | .20 | | .01 | .08 | .14 | .20 | .42 | .79 | | | | | .01 | 1.40 | | | | .50 | .01 | | | 2.00 | .40 | | | | | .01 | .21 | |
| ELIZABETHPORT | 5.48 | .24 | .02 | | .01 | .02 | .13 | .02 | .98 | .16 | | | | | .09 | 1.28 | | | .06 | .42 | | | | 1.68 | .02 | | | | | .15 | .05 | .15 |
| ESSEX FELS SERV BLOC | - | - | - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| FLEMINGTON 1 NE | 5.15 | .08 | T | | .02 | .10 | .08 | T | .75 | .40 | .01 | - | - | | .03 | .98 | T | T | - | .58 | T | - | - | 1.84 | .08 | T | T | - | - | .25 | | |
| FORTESCUE | 4.92 | .22 | .15 | | .07 | | .05 | | .95 | | | | | | .83 | .04 | .19 | | | .93 | | | | .98 | .40 | | | | | .11 | | |
| FREEMOLD | 6.19 | .02 | .20 | | .05 | .07 | .04 | .86 | .78 | | | | | | 1.29 | T | | | | .97 | | | 1.66 | | | | | | .03 | .22 | | |
| GREENWOOD LAKE | 5.25 | .05 | .20 | | .10 | .04 | .38 | | .85 | .06 | | | | | 1.18 | .12 | | | | .40 | .10 | | | .06 | 1.48 | | | | | .23 | | |
| HAMMONTON 2 NNE | 5.19 | .07 | .06 | | .14 | .08 | .04 | 1.44 | | | | | | | .76 | .12 | | | | 1.00 | .04 | | | .61 | .72 | | | | | .11 | | |
| HIGH POINT PARK | 3.47 | .12 | .09 | | .08 | .10 | .23 | | .68 | .03 | | | | | .96 | .02 | | | | T | .31 | | | .12 | .41 | | | | | .32 | | |
| HIGHTSTOWN 1 N | 5.75 | .02 | .22 | | T | .03 | .08 | .03 | .72 | .43 | | | | | .04 | 1.14 | T | T | | .92 | | | 1.87 | .03 | | | | | | .22 | | |
| INDIAN MILLS 2 W | 5.71 | .07 | .02 | | .04 | .13 | .26 | T | .85 | .59 | | | | | 1.21 | T | | | | 1.01 | | | T | 1.22 | .03 | | | | | T | .20 | .08 |
| IRVINGTON | 5.27 | .24 | | | .06 | .20 | | .78 | 1.14 | | | | | | .18 | .93 | T | | | .54 | | | .05 | 1.57 | | | | | | .26 | | .21 |
| JERSEY CITY | 5.48 | .30 | | | T | .06 | .15 | | .60 | .29 | | | | | .10 | 1.35 | | | .06 | .47 | | | .05 | 1.60 | | | | | | .27 | | .18 |
| LAMBERTVILLE | 4.74 | .15 | .07 | | .11 | .09 | .08 | .71 | .43 | | | | | | .03 | .95 | T | | | .72 | | | 1.12 | .04 | | | | | | .24 | | |
| LAYTON 3 NW | 3.87 | .18 | T | | T | .35 | .05 | .42 | .56 | T | | | | | .02 | .78 | | | | .33 | T | | | .93 | .09 | | | | | .16 | | |
| LITTLE FALLS | 5.79 | .09 | .21 | | .03 | .01 | .29 | 1.04 | | | | | | | 1.27 | .01 | | | | .09 | .06 | | | .40 | .06 | | | | | .01 | .22 | |
| LONG BRANCH | 6.68 | .22 | | | .03 | T | .10 | 1.58 | .22 | | | | | | .01 | 1.47 | | T | | .12 | | | T | 1.55 | .01 | | | | | .21 | .02 | .29 |
| LONG VALLEY | 4.52 | .15 | | | .16 | | .34 | .15 | .60 | | | | | | .35 | .61 | | | | .46 | | | | 1.50 | | | | | | .20 | | |
| MAHWAH | 5.30 | .06 | .24 | | .09 | .01 | .32 | 1.02 | .01 | | | | | | 1.22 | .02 | | | | .50 | .05 | | | .13 | 1.53 | | | | | .10 | | |
| MANVILLE | 5.65 | .25 | | | .03 | .01 | .01 | 1.03 | .15 | T | | | | | .06 | 1.15 | | | .15 | .57 | | | | .07 | 1.60 | .02 | | | | .21 | .04 | .30 |
| MIDLAND PARK | 3.31 | .30 | | | .01 | .11 | .26 | | .90 | .20 | | | | | .33 | .36 | | | .06 | .21 | | | | .02 | .30 | | | | | .05 | | .20 |
| MILLVILLE | 5.02 | .06 | | | .10 | | .04 | 1.20 | T | | | | | | .84 | | T | T | | .38 | .49 | | | .27 | .95 | | | | | .08 | | .61 |
| MILLVILLE FAA AIRPORT | 4.96 | .04 | T | | .01 | | .18 | 1.06 | .02 | T | | | | | .88 | T | .04 | | .29 | .44 | | | | .22 | 1.09 | | | | | .08 | | .61 |
| MILTON | 3.62 | .06 | .30 | | .12 | .07 | .15 | | .64 | .05 | | | | | .84 | .11 | | | | .16 | | | | .14 | .71 | .03 | | T | | .08 | .24 | |
| MOORESTOWN | 5.69 | .21 | .19 | | .23 | .30 | .12 | T | 1.06 | .03 | | | | | T | 1.17 | .02 | T | | * | .94 | | | .64 | .59 | T | | | | .19 | | |
| MORRIS PLAINS | 5.48 | .09 | .20 | | .11 | T | .32 | | .81 | .02 | | | | | 1.07 | .02 | | T | T | .35 | .06 | | | .15 | 2.10 | | | | | T | .18 | |
| NEWARK WB AIRPORT | 4.96 | .28 | | | .03 | .05 | .19 | T | .72 | .08 | T | | | | .13 | .95 | .03 | T | T | .08 | .40 | | | .03 | 1.52 | .01 | | | | .23 | T | .23 |
| NEW BRUNSWICK EXP STA | 5.95 | .25 | | | T | .03 | .22 | 1.25 | T | | | | | | 1.35 | | | | | .70 | | | 1.95 | | | | | | | T | .20 | |
| NEW MILFORD | 4.53 | .22 | | | .04 | .11 | .20 | .02 | .78 | .28 | | | | | .20 | .78 | | | | .04 | .40 | | | 1.12 | .04 | | | | | .22 | | .08 |
| NEWTON | 3.84 | .08 | .18 | | .11 | T | .31 | | .77 | .07 | | | | | .84 | T | | | | .23 | .10 | | | .15 | .83 | | | | | .17 | | |
| OAK RIDGE RESERVOIR | 5.22 | .06 | .13 | | .09 | .02 | .38 | | .87 | .09 | | | | | 1.06 | .04 | | | | .21 | .06 | | | .11 | 1.88 | | | | | .22 | | |
| OLOWICK | 5.22 | .12 | .24 | | .04 | .04 | .25 | | .93 | T | | | | | 1.06 | .04 | T | | | .45 | .03 | | | .32 | 1.50 | | | | | .20 | | |
| ORANGE | 5.62 | .09 | | | .06 | .42 | .08 | * | 1.12 | | | | | * | 1.37 | | | | | .52 | | | | 1.15 | .65 | | | | | .22 | | |
| PATERSON | 4.61 | .04 | .39 | | .03 | .06 | .22 | | .87 | .02 | T | | | | .92 | .02 | | | | .62 | .03 | | | .10 | 1.05 | | | | | T | .24 | |
| PEMBERTON 3 E | 6.69 | .14 | | | .09 | | .19 | .98 | .61 | | | | | | 1.39 | | | | | 1.02 | | | | 1.83 | .03 | | | | | .22 | | |
| PHILLIPSBURG | 3.98 | T | | | .04 | T | | .04 | 1.22 | T | | | | | .98 | | | | | .38 | | | | .92 | T | | | | | | | |
| PHILLIPSBURG BRIDGE | 4.24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
MARCH 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX MIN | 42 27 | 52 34 | 62 39 | 70 45 | 75 44 | 60 40 | 68 40 | 45 38 | 42 34 | 36 28 | 45 24 | 62 28 | 43 36 | 48 38 | 52 38 | 45 30 | 36 20 | 40 17 | 41 34 | 52 30 | 42 28 | 41 34 | 42 38 | 51 37 | 51 37 | 58 33 | 65 37 | 78 44 | 61 47 | 53 35 | 43 28 | 51.6 34.3 |
| ATLANTIC CITY | MAX MIN | 42 32 | 53 33 | 48 40 | 57 43 | 61 43 | 56 41 | 68 41 | 47 38 | 41 34 | 36 27 | 44 24 | 54 31 | 42 39 | 49 37 | 49 38 | 48 29 | 35 21 | 36 20 | 40 34 | 47 33 | 38 33 | 40 35 | 42 37 | 40 36 | 50 38 | 52 34 | 56 42 | 73 44 | 62 47 | 52 37 | 42 34 | 48.6 35.3 |
| AUGUBON | MAX MIN | 40 29 | 54 35 | 63 40 | 61 43 | 73 43 | 61 41 | 66 39 | 47 34 | 43 32 | 37 26 | 49 24 | 63 32 | 44 35 | 42 38 | 54 38 | 48 31 | 38 19 | 48 18 | 39 33 | 52 29 | 49 33 | 46 31 | 40 34 | 51 37 | 50 38 | 61 49 | 69 41 | 77 44 | 62 48 | 52 39 | 47 28 | 52.5 34.0 |
| BELVIOERE | MAX MIN | 36 20 | 53 29 | 61 25 | 59 31 | 67 38 | 65 40 | 60 31 | 51 29 | 40 26 | 38 22 | 38 16 | 52 21 | 45 26 | 36 30 | 51 33 | 47 29 | 43 33 | 34 14 | 40 9 | 40 31 | 49 26 | 49 21 | 50 24 | 43 29 | 49 33 | 46 36 | 59 24 | 70 37 | 73 44 | 60 34 | 45 25 | 50.9 28.1 |
| BOONTON 2 SE | MAX MIN | 43 25 | 37 27 | 45 29 | 57 35 | 54 37 | 65 38 | 45 35 | 56 31 | 34 28 | 40 25 | 30 17 | 38 19 | 49 27 | 37 32 | 40 33 | 49 34 | 41 15 | 30 13 | 42 18 | 37 30 | 45 23 | 45 24 | 48 28 | 38 32 | 45 33 | 46 34 | 55 38 | 67 42 | 73 45 | 57 36 | 44 27 | 46.2 29.4 |
| BURLINGTON | MAX MIN | 38 30 | 53 30 | 64 36 | 58 38 | 72 45 | 65 38 | 66 39 | 58 34 | 44 34 | 44 29 | 48 20 | 60 35 | 53 41 | 41 35 | 55 37 | 52 41 | 41 26 | 47 18 | 38 36 | 52 36 | 46 32 | 46 31 | 40 31 | 53 34 | 40 36 | 53 42 | 62 52 | 71 45 | 58 44 | 48 30 | 53.4 34.8 | |
| CANOE BROOK | MAX MIN | 43 21 | 38 30 | 47 30 | 62 43 | 51 30 | 70 38 | 43 37 | 60 31 | 35 28 | 39 25 | 31 18 | 40 22 | 52 25 | 38 18 | 43 31 | 52 32 | 41 28 | 30 16 | 46 12 | 37 21 | 46 26 | 44 21 | 47 30 | 38 33 | 46 38 | 48 33 | 57 46 | 69 44 | 75 46 | 58 41 | 45 32 | 47.5 29.3 |
| CAPE MAY 3 W | MAX MIN | 42 31 | 49 31 | 58 31 | 60 41 | 60 44 | 58 47 | 56 41 | 55 39 | 47 37 | 43 40 | 44 30 | 58 30 | 55 40 | 48 41 | 53 40 | 53 38 | 43 24 | 40 20 | 43 36 | 47 36 | 49 32 | 43 35 | 46 37 | 45 38 | 48 40 | 53 39 | 59 47 | 74 44 | 75 46 | 57 41 | 51 34 | 52.0 37.0 |
| CHARLOTTEBURG | MAX MIN | 41 22 | 35 23 | 47 29 | 59 32 | 54 32 | 69 40 | 46 35 | 55 29 | 69 25 | 32 21 | 58 13 | 69 14 | 46 25 | 55 28 | 37 31 | 44 30 | 40 10 | 28 9 | 44 12 | 35 24 | 44 18 | 47 21 | 46 25 | 35 31 | 48 34 | 48 31 | 53 38 | 67 38 | 74 41 | 56 32 | 42 29 | 45.6 26.5 |
| CHATSWORTH | MAX MIN | 40 24 | 52 33 | 64 35 | 66 41 | 75 42 | 69 39 | 66 37 | 61 34 | 41 31 | 41 20 | 46 24 | 61 32 | 58 35 | 43 38 | 47 34 | 46 39 | 40 18 | 42 12 | 39 32 | 52 29 | 47 24 | 44 28 | 40 34 | 54 35 | 51 30 | 58 35 | 69 41 | 77 44 | 74 36 | 52 22 | 54.3 31.8 | |
| CLAYTON | MAX MIN | 38 32 | 51 34 | 60 38 | 60 38 | 69 40 | 68 43 | 65 37 | 54 31 | 42 25 | 36 21 | 45 22 | 61 35 | 51 36 | 41 37 | 42 33 | 46 24 | 38 21 | 45 21 | 41 34 | 51 31 | 49 34 | 46 31 | 41 34 | 52 34 | 51 44 | 60 38 | 71 46 | 77 47 | 69 63 | 54 45 | 48 38 | 52.3 34.4 |
| ELIZABETH | MAX MIN | 40 19 | 52 24 | 63 24 | 58 27 | 68 32 | 69 31 | 63 30 | 52 23 | 41 20 | 40 21 | 42 42 | 57 57 | 50 38 | 38 52 | 50 50 | 37 37 | 42 42 | 37 37 | 51 51 | 45 26 | 48 26 | 40 32 | 52 35 | 52 39 | 60 32 | 69 40 | 77 46 | 63 46 | 59 38 | 49 25 | 52.1 | |
| ESSEX FELS SERV BLDG | MAX MIN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | MAX MIN | 38 19 | 51 31 | 63 25 | 63 30 | 75 39 | 75 40 | 63 38 | 57 32 | 42 28 | 40 23 | 46 17 | 54 20 | 41 26 | 38 31 | 56 32 | 51 34 | 38 17 | 43 11 | 43 32 | 48 27 | 47 17 | 46 23 | 42 29 | 52 34 | 52 39 | 59 26 | 69 33 | 78 37 | 70 43 | 53 33 | 46 21 | 52.9 28.6 |
| FREEHOLD | MAX MIN | 40 26 | 51 32 | 62 36 | 57 41 | 70 38 | 58 38 | 62 37 | 55 34 | 39 29 | 44 25 | 55 25 | 47 25 | 47 32 | 39 34 | 53 33 | 50 34 | 42 17 | 34 13 | 37 33 | 50 28 | 43 25 | 44 27 | 38 34 | 51 41 | 49 38 | 57 31 | 66 39 | 76 43 | 61 43 | 56 36 | 45 26 | 50.6 31.6 |
| HAMMONTON 2 NNE | MAX MIN | 50 28 | 41 31 | 54 36 | 66 42 | 69 41 | 73 44 | 51 40 | 66 37 | 40 32 | 43 27 | 38 23 | 48 27 | 65 35 | 45 37 | 46 36 | 52 20 | 46 11 | 36 23 | 46 23 | 39 32 | 51 27 | 49 30 | 46 34 | 41 36 | 54 37 | 50 41 | 58 40 | 70 42 | 78 47 | 62 53 | 52 28 | 52.5 33.5 |
| HIGH POINT PARK | MAX MIN | 39 19 | 31 22 | 44 23 | 56 36 | 45 32 | 65 32 | 43 32 | 51 21 | 28 20 | 32 14 | 29 6 | 37 10 | 42 24 | 31 24 | 33 24 | 45 24 | 35 3 | 22 2 | 36 14 | 31 21 | 38 17 | 37 22 | 41 25 | 34 17 | 47 28 | 44 32 | 49 26 | 62 44 | 71 35 | 51 19 | 40 22 | 41.6 22.7 |
| HIGHTSTOWN 1 N | MAX MIN | 40 25 | 51 32 | 61 36 | 56 40 | 74 39 | 68 40 | 65 38 | 53 32 | 40 30 | 39 26 | 44 21 | 57 25 | 45 32 | 38 34 | 51 34 | 49 36 | 36 18 | 45 15 | 38 32 | 50 30 | 45 27 | 46 27 | 38 33 | 53 35 | 49 39 | 60 32 | 68 43 | 76 43 | 65 45 | 53 37 | 47 25 | 51.6 32.1 |
| INOIAN MILLS 2 W | MAX MIN | 39 23 | 52 33 | 64 36 | 63 38 | 72 40 | 64 41 | 65 39 | 55 34 | 41 31 | 38 26 | 46 22 | 60 23 | 45 35 | 42 37 | 50 33 | 45 35 | 35 19 | 45 11 | 38 32 | 51 30 | 45 22 | 44 29 | 40 33 | 52 35 | 49 30 | 57 40 | 70 39 | 77 45 | 67 41 | 53 20 | 46 20 | 51.9 31.9 |
| JERSEY CITY | MAX MIN | 38 28 | 47 32 | 59 38 | 54 43 | 58 38 | 44 37 | 58 37 | 40 30 | 38 28 | 32 20 | 39 17 | 51 30 | 37 32 | 36 33 | 49 35 | 41 21 | 32 17 | 36 16 | 34 29 | 46 32 | 38 29 | 44 28 | 37 34 | 48 36 | 47 33 | 56 36 | 59 43 | 64 46 | 58 43 | 45 33 | 43 30 | 45.4 31.6 |
| LAMBERTVILLE | MAX MIN | 38 23 | 52 22 | 63 30 | 55 33 | 74 40 | 67 40 | 63 39 | 54 33 | 42 30 | 40 25 | 47 22 | 57 24 | 50 30 | 38 34 | 51 35 | 50 35 | 35 19 | 44 14 | 41 33 | 50 30 | 47 23 | 47 28 | 39 23 | 50 32 | 48 28 | 60 34 | 68 29 | 77 41 | 69 45 | 57 38 | 47 22 | 52.2 31.0 |
| LAYTON 3 NW | MAX MIN | 46 14 | 46 26 | 61 23 | 53 25 | 62 35 | 66 38 | 64 40 | 44 27 | 40 27 | 38 18 | 49 27 | 40 17 | 40 24 | 36 24 | 50 32 | 40 35 | 38 10 | 40 4 | 45 30 | 47 27 | 48 23 | 44 19 | 46 30 | 46 30 | 53 35 | 53 30 | 68 37 | 76 47 | 64 42 | 54 30 | 48 18 | 49.3 26.7 |
| LITTLE FALLS | MAX MIN | 45 25 | 42 30 | 50 32 | 64 34 | 58 48 | 72 40 | 45 38 | 62 38 | 46 28 | 42 35 | 35 17 | 41 20 | 56 28 | 40 31 | 46 33 | 53 34 | 44 16 | 35 14 | 46 24 | 40 23 | 50 23 | 48 25 | 51 32 | 40 32 | 50 38 | 60 42 | 70 38 | 78 46 | 60 35 | 46 28 | 50.5 30.4 | |
| LONG BRANCH | MAX MIN | 40 29 | 49 34 | 63 37 | 58 41 | 67 38 | 41 38 | 62 38 | 41 35 | 41 31 | 34 23 | 44 20 | 55 28 | 40 34 | 38 35 | 53 37 | 43 25 | 32 19 | 42 18 | 37 33 | 48 31 | 37 30 | 47 32 | 39 36 | 51 37 | 49 35 | 57 42 | 61 43 | 60 47 | 42 37 | 47 29 | 47.2 33.1 | |
| LONG VALLEY | MAX MIN | 42 19 | 48 24 | 60 24 | 54 27 | 68 34 | 64 36 | 60 42 | 54 34 | 34 29 | 35 22 | 39 16 | 51 20 | 45 24 | 35 20 | 50 33 | 45 34 | 35 14 | 40 10 | 37 31 | 47 23 | 46 19 | 47 22 | 40 30 | 49 34 | 45 38 | 57 26 | 76 38 | 70 42 | 53 35 | 47 21 | 49.8 27.4 | |
| MILLVILLE | MAX MIN | 51 29 | 41 31 | 53 37 | 63 41 | 68 44 | 72 45 | 55 43 | 67 39 | 42 32 | 44 30 | 38 23 | 47 28 | 63 35 | 49 37 | 46 39 | 52 39 | 46 22 | 37 19 | 47 22 | 40 24 | 37 30 | 46 23 | 42 34 | 42 37 | 52 31 | 51 30 | 66 44 | 77 49 | 63 44 | 52 30 | 52 34 | 52.3 34.5 |
| MILLVILLE FAA AIRPORT | MAX MIN | 42 28 | 51 39 | 62 37 | 66 43 | 72 45 | 63 43 | 67 43 | 47 38 | 43 34 | 37 28 | 46 23 | 62 25 | 45 39 | 49 39 | 52 39 | 47 30 | 37 21 | 47 19 | 40 34 | 50 31 | 45 32 | 42 38 | 50 37 | 52 38 | 57 27 | 66 35 | 76 44 | 60 44 | 53 38 | 46 26 | 52.1 34.4 | |
| MOORESTOWN | MAX MIN | 39 25 | 53 30 | 60 36 | 59 36 | 72 39 | 64 40 | 65 40 | 42 34 | 43 31 | 36 26 | 46 19 | 61 26 | 43 35 | 40 37 | 53 38 | 45 24 | 35 19 | 46 18 | 46 32 | 37 28 | 51 32 | 46 29 | 40 34 | 50 35 | 48 32 | 59 35 | 69 40 | 76 42 | 62 47 | 50 31 | 47 25 | 51.0 32.3 |
| MORRIS PLAINS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
MARCH 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SUSSEX | MAX | 41 | 35 | 46 | 61 | 50 | 67 | 43 | 53 | 34 | 40 | 31 | 37 | 47 | 40 | 45 | 51 | 38 | 29 | 48 | 35 | 46 | 46 | 50 | 35 | 40 | 46 | 56 | 70 | 76 | 56 | 42 | 46.3 |
| | MIN | 20 | 25 | 27 | 29 | 30 | 38 | 39 | 29 | 25 | 23 | 14 | 16 | 20 | 27 | 30 | 30 | 13 | 10 | 10 | 28 | 20 | 20 | 24 | 31 | 33 | 26 | 36 | 36 | 41 | 33 | 24 | 26.0 |
| TOMS RIVER | MAX | 42 | 55 | 65 | 60 | 60 | 55 | 65 | 60 | 42 | 40 | 45 | 54 | 48 | 40 | 55 | 53 | 38 | 42 | 40 | 53 | 50 | 40 | 42 | 50 | 50 | 56 | 58 | 65 | 60 | 57 | 51 | 51.3 |
| | MIN | 24 | 32 | 35 | 38 | 39 | 41 | 39 | 36 | 32 | 28 | 22 | 25 | 33 | 38 | 36 | 30 | 15 | 15 | 38 | 30 | 22 | 29 | 36 | 33 | 35 | 28 | 36 | 44 | 49 | 38 | 23 | 32.2 |
| TRENTON WB CITY | MAX | 39 | 51 | 63 | 55 | 73 | 61 | 63 | 40 | 42 | 34 | 43 | 57 | 40 | 38 | 52 | 46 | 33 | 44 | 37 | 49 | 44 | 44 | 38 | 50 | 47 | 59 | 69 | 76 | 60 | 51 | 45 | 49.8 |
| | MIN | 30 | 34 | 38 | 40 | 40 | 39 | 38 | 32 | 30 | 25 | 23 | 31 | 32 | 35 | 36 | 24 | 19 | 17 | 33 | 33 | 30 | 30 | 34 | 35 | 39 | 36 | 44 | 46 | 47 | 34 | 31 | 33.4 |
| TUCKERTON | MAX | 42 | 53 | 60 | 65 | 72 | 58 | 70 | 60 | 43 | 40 | 47 | 62 | 44 | 47 | 54 | 48 | 40 | 37 | 40 | 54 | 54 | 43 | 42 | 50 | 50 | 54 | 60 | 70 | 65 | 59 | 50 | 52.7 |
| | MIN | 24 | 27 | 37 | 40 | 40 | 43 | 40 | 37 | 32 | 24 | 23 | 25 | 32 | 38 | 36 | 34 | 14 | 12 | 33 | 30 | 23 | 32 | 36 | 36 | 40 | 30 | 32 | 44 | 46 | 42 | 22 | 32.4 |
| WOODSTOWN | MAX | 40 | 54 | | 63 | 68 | 64 | 67 | 59 | 44 | 40 | 47 | 62 | 54 | 43 | 49 | 48 | 40 | 43 | 40 | 51 | 47 | 44 | 41 | 51 | 50 | 59 | 69 | 77 | 72 | 59 | 46 | 53.0 |
| | MIN | 27 | 33 | | 36 | 42 | 46 | 42 | 35 | 32 | 28 | 23 | 28 | 37 | 38 | 38 | 38 | 20 | 18 | 32 | 32 | 30 | 32 | 32 | 36 | 37 | 38 | 34 | 42 | 46 | 42 | 27 | 34.0 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 36 | 48 | 52 | 47 | 57 | 47 | 55 | 41 | 39 | 34 | 30 | 45 | 39 | 37 | 41 | 40 | 31 | 33 | 36 | 47 | 50 | 43 | 36 | 47 | 46 | 53 | 59 | 83 | 57 | 50 | 44 | 44.8 | |
| | MIN | 31 | 32 | 34 | 37 | 40 | 41 | 40 | 35 | 32 | 30 | 30 | 31 | 33 | 35 | 35 | 31 | 30 | 29 | 31 | 31 | 31 | 31 | 35 | 35 | 34 | 32 | 38 | 42 | 45 | 36 | 34 | 34.3 | |
| 2 INCHES | MAX | 36 | 47 | - | - | 56 | 46 | 54 | 41 | 38 | 34 | 30 | 44 | 39 | 36 | 40 | 40 | 31 | 33 | 35 | 46 | 47 | 42 | 35 | 46 | 45 | 52 | 58 | 62 | 58 | 48 | 43 | 43.3 | |
| | MIN | 32 | 32 | - | - | 39 | 41 | 40 | 33 | 32 | 30 | 30 | 30 | 34 | 34 | 33 | 31 | 30 | 29 | 31 | 31 | 31 | 31 | 35 | 35 | 35 | 32 | 38 | 42 | 45 | 37 | 34 | 34.2 | |
| 4 INCHES | MAX | 36 | 45 | 49 | 45 | 35 | 46 | 52 | 41 | 38 | 34 | 30 | 43 | 39 | 36 | 40 | 39 | 31 | 31 | 35 | 44 | 45 | 41 | 35 | 45 | 44 | 50 | 56 | 60 | 56 | 48 | 43 | 42.9 | |
| | MIN | 32 | 32 | 35 | 37 | 39 | 41 | 39 | 35 | 32 | 30 | 30 | 30 | 34 | 34 | 35 | 32 | 30 | 29 | 31 | 31 | 31 | 31 | 35 | 35 | 35 | 32 | 37 | 42 | 45 | 37 | 34 | 34.3 | |
| 8 INCHES | MAX | 38 | 40 | 41 | 41 | 44 | 43 | 43 | 41 | 38 | 37 | 35 | 37 | 36 | 36 | 39 | 38 | 35 | 34 | 34 | 37 | 39 | 36 | 36 | 39 | 39 | 41 | 44 | 47 | 47 | 45 | 42 | 39.5 | |
| | MIN | 36 | 37 | 38 | 40 | 39 | 41 | 41 | 38 | 37 | 35 | 34 | 34 | 36 | 36 | 36 | 38 | 37 | 36 | 36 | 36 | 36 | 36 | 37 | 37 | 37 | 37 | 39 | 41 | 42 | 43 | 42 | 37.3 | |
| 16 INCHES | MAX | 39 | 38 | 39 | 39 | 40 | 41 | 41 | 41 | 40 | 39 | 39 | 37 | 37 | 37 | 38 | 39 | 37 | 36 | 36 | 36 | 37 | 39 | 37 | 37 | 37 | 38 | 39 | 40 | 42 | 43 | 43 | 42 | 38.9 |
| | MIN | 38 | 38 | 38 | 38 | 39 | 41 | 41 | 40 | 39 | 38 | 37 | 37 | 37 | 37 | 37 | 38 | 37 | 36 | 36 | 36 | 36 | 36 | 36 | 37 | 37 | 37 | 39 | 41 | 42 | 43 | 42 | 38.2 | |
| 32 INCHES | MAX | 39 | 39 | 39 | 39 | 40 | 40 | 41 | 41 | 41 | 40 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 39 | 40 | 41 | 41 | 42 | 39.4 | |
| | MIN | 39 | 39 | 39 | 39 | 39 | 40 | 41 | 41 | 40 | 40 | 40 | 39 | 39 | 39 | 39 | 39 | 39 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 39 | 40 | 40 | 41 | 41 | 42 | 39.2 |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 36 | 46 | 51 | 45 | 58 | 46 | 54 | 41 | 40 | 35 | 32 | 48 | 37 | 38 | 47 | 41 | 31 | 31 | 35 | 46 | 46 | 40 | 38 | 47 | 45 | 53 | 60 | 83 | 58 | 49 | 48 | 44.5 | |
| | MIN | 33 | 33 | 34 | 37 | 40 | 41 | 40 | 35 | 33 | 32 | 31 | 31 | 34 | 35 | 34 | 33 | 31 | 30 | 32 | 32 | 32 | 32 | 35 | 35 | 34 | 32 | 38 | 43 | 45 | 35 | 33 | 34.8 | |
| 2 INCHES | MAX | 36 | 46 | 51 | 45 | 58 | 46 | 54 | 41 | 40 | 35 | 32 | 48 | 37 | 37 | 47 | 41 | 31 | 31 | 35 | 45 | 45 | 40 | 36 | 47 | 45 | 53 | 59 | 63 | 57 | 49 | 48 | 44.4 | |
| | MIN | 33 | 33 | 34 | 37 | 40 | 41 | 40 | 35 | 33 | 32 | 31 | 31 | 34 | 35 | 34 | 33 | 31 | 30 | 32 | 32 | 32 | 32 | 35 | 35 | 35 | 32 | 38 | 43 | 46 | 35 | 33 | 34.8 | |
| 4 INCHES | MAX | 36 | 46 | 48 | 44 | 44 | 47 | 51 | 43 | 40 | 35 | 32 | 45 | 37 | 37 | 45 | 41 | 32 | 31 | 34 | 43 | 43 | 39 | 36 | 47 | 44 | 50 | 56 | 59 | 56 | 49 | 44 | 43.4 | |
| | MIN | 34 | 33 | 35 | 37 | 39 | 42 | 40 | 36 | 34 | 33 | 32 | 32 | 35 | 35 | 35 | 34 | 32 | 31 | 32 | 33 | 33 | 32 | 35 | 35 | 35 | 33 | 38 | 43 | 46 | 38 | 35 | 35.4 | |
| 8 INCHES | MAX | 37 | 41 | 44 | 42 | 48 | 47 | 46 | 44 | 39 | 37 | 34 | 40 | 37 | 37 | 41 | 40 | 35 | 33 | 34 | 40 | 40 | 37 | 36 | 41 | 41 | 44 | 49 | 51 | 51 | 47 | 43 | 41.2 | |
| | MIN | 36 | 35 | 37 | 39 | 39 | 43 | 41 | 38 | 36 | 36 | 34 | 34 | 36 | 36 | 36 | 37 | 34 | 33 | 33 | 34 | 35 | 35 | 35 | 35 | 38 | 35 | 40 | 44 | 47 | 42 | 39 | 37.2 | |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Elektronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

SNOWFALL AND SNOW ON GROUND

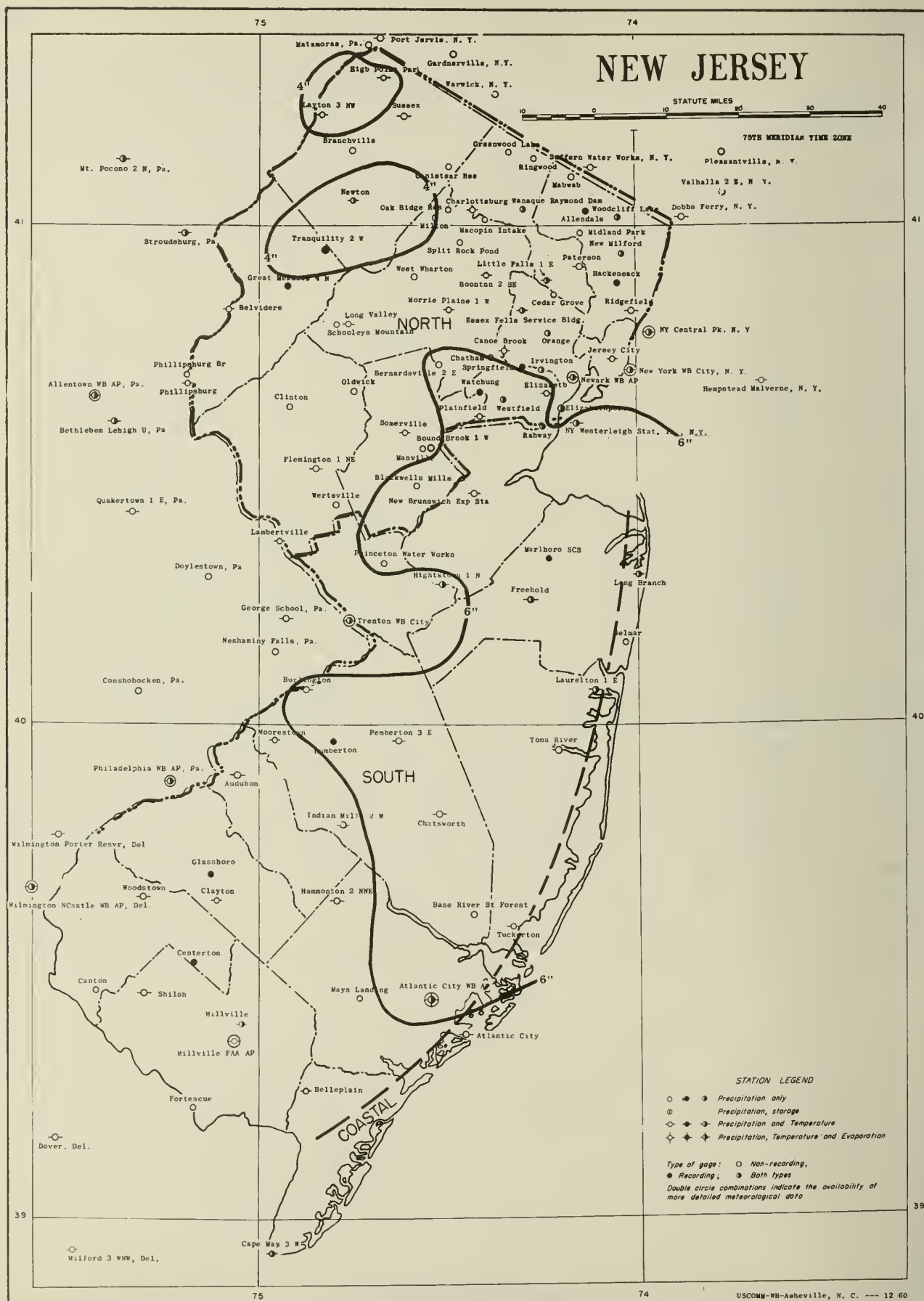
NEW JERSEY
MARCH 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|----------|---|---|---|---|---------|----------|---------|--------|----|--------|----------|--------|----|----|----|---------|----|----|----|---------|----------|----------|----|----|----|----|----|----|----|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | | | T | .2 T | | | T | | | | | | | | | | T | | | | | | | | | T | |
| BELVIDERE | SNOWFALL SN ON GND | T | .4 | | | | | .5 1 | 1.5 2 | T 1 | T | T | T T | .3 T | | T | | | | | | | | .5 | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | .5 T | 1.0 1 | | | | | | 2.0 2 | | 2 | 2 | | 1.0 1 | T | | | | | | | | | | 9.0 7 | 3 | 1 | | | | | | |
| CLAYTON | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | | T | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | T T | T | | | | | T T | T | | | | T T | .8 T | | T | | | T | | | | | 2.3 1 | T | | | | | | | | |
| FREEHOLD | SNOWFALL SN ON GND | | | | | | | | | | | | | | | T | | | | | | | T | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | | | | | | | | T | | | | T | | | T | | | | | | | T | | | | | | | | | | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL SN ON GND | | | | | | | | | | | | T | | | | | | | | | | | 1.0 | | | | | | | | | |
| LAYTON 3 NW | SNOWFALL SN ON GND | 1.3 3 | | | | | | .4 3 | 4.0 3 | T 3 | 3 | 2 | 2 | 2.0 3 | 2 | 1 | | | T | | | | | 2.7 | | | | | | | | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | | | | | | | | 2.0 2 | 2 | 1 | | | .5 1 | T T | | | | .2 T | | | | T | 4.0 4 | 2 | | | | | | | | |
| LONG BRANCH | SNOWFALL SN ON GND | | | | | | | | T | | | | T | | | T | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | 2.0 - | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | SNOWFALL SN ON GND | | | | | | | | T | | | | | | | T | | | | | | | T | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | | | T | | | | | | | | | | |
| MOORESTOWN | SNOWFALL SN ON GND | T T | | | | | | | | | | | | | | | | | | | | | .5 T | | | | | | | | | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | T T | 1.5 2 | | | | | | 1.5 2 | | | | | .5 1 | | | T | | T T | T | | | | - 1 | - 4 | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | T | | | | | | 1.2 | .2 1 | T | | | .9 | T | | T | T | T | T | | | | .3 | 1.1 | T | | | | | | | .3 | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | | | | | | T T | T | | | | | | | T | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL SN ON GND | T | 2.0 | | | | | | 2.5 3 | | | | | T T | | | | | | | | | T T | T T | | | | | | | | | |
| PATERSON | SNOWFALL SN ON GND | | .5 - | | | | | | 2.5 - | | T - | | | .5 - | | | | | .2 - | | | | | .1 - | 2.5 - | | | | | | | | |
| PHILLIPSBURG | SNOWFALL SN ON GND | T | | | | | | T T | 2.0 1 | | | | | T | | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | T | | | | | | 1.0 | T | | | | 1.0 | | | T | | | | | | | T | | | | | | | | | | |
| RAHWAY | SNOWFALL SN ON GND | | | | | | | .8 1 | T | | | | T | | | | | | | | | | T T | | | | | | | | | T | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | | | | | .5 | | | | .3 | | | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | | | | | | | | T T | .1 T | | | T T | | | T | | | | | | | .1 | .2 | | | | | | | | T | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | 1.0 1 | | | | | | | 2.0 2 | 1 | 1 | | | 1.0 1 | | | | | T T | | | | | .5 1 | 5.0 5 | 2 | | | | | | | |

See reference notes following Station Index.

TOTAL PRECIPITATION

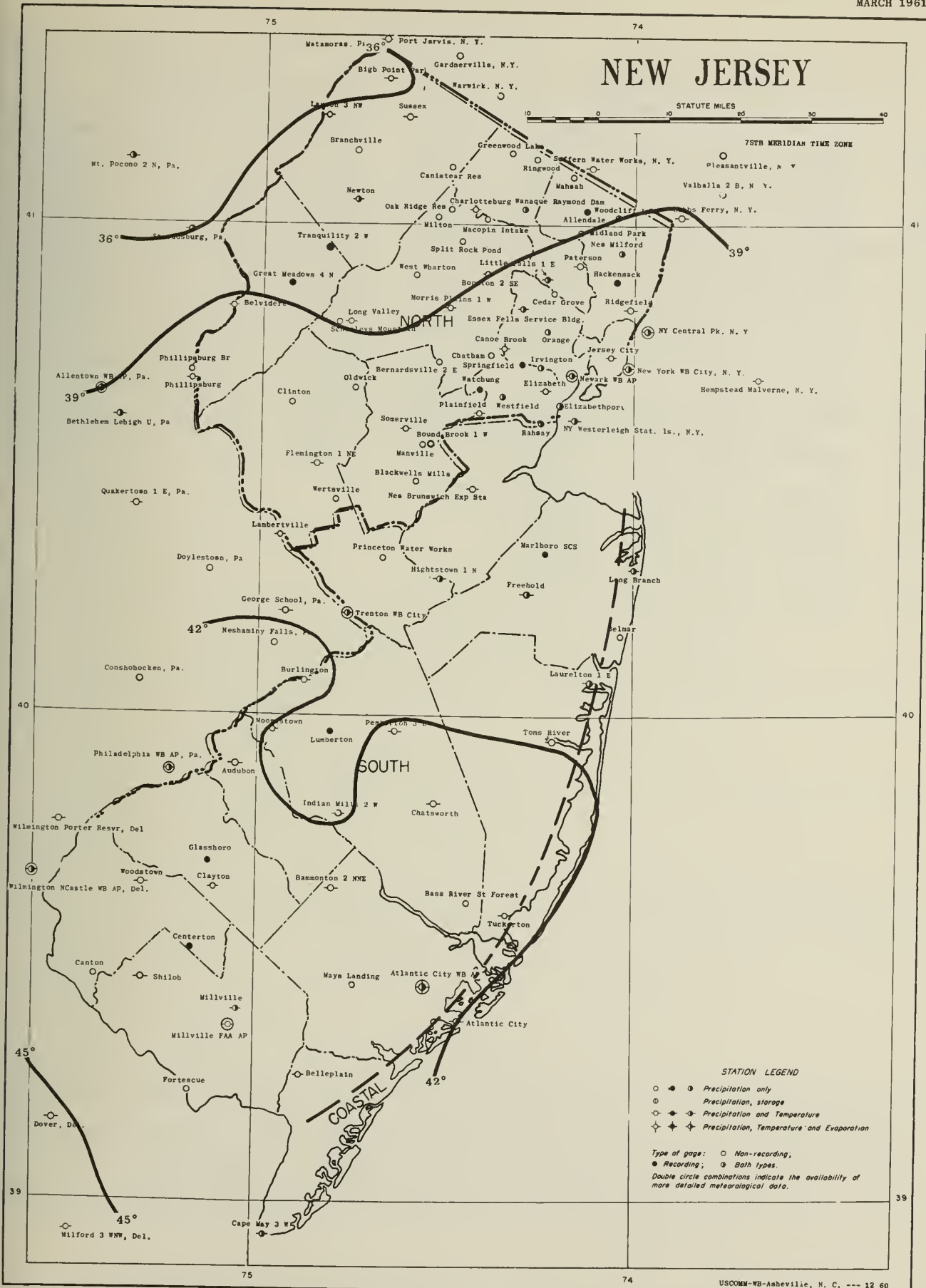
NEW JERSEY
MARCH 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
MARCH 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
MARCH 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------|-------------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | |
| ALLENDALE | 0100 | BERGEN | 8 41 02 | 74 08 | 270 | | | | | | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 39 27 | 74 35 | 58 | MIO | MIO | 7P | | | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 39 23 | 74 26 | 10 | MIO | MIO | | | | STATE MARINA |
| AUOBON | 0346 | CAMDEN | 2 39 54 | 75 04 | 50 | 11P | | | | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 39 37 | 74 26 | 20 | 6P | | | | | N.J. FORESTRY SERVICE |
| BELLEPLAIN | 0690 | CAPE MAY | 1 39 16 | 74 52 | 49 | 5P | | | | | MRS. ED C. HOFFMAN |
| BELMAR | 0721 | MONMOUTH | 1 40 10 | 74 02 | 19 | 8A | | | | | BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 40 50 | 75 05 | 275 | 5P | | | | | CLEMENT HAUPIT |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 40 43 | 74 32 | 240 | 7A | | | | | BERNARDS WATER COMPANY |
| BLACKBELLS HILLS | 0847 | SOMERSET | 10 40 29 | 74 35 | 27 | 7A | | | | | HENRY M. MILLER |
| BLOOMTON 2 SE | 0907 | MORRIS | 8 40 54 | 74 24 | 280 | 8A | | | | | JERSEY CITY WATER WORKS |
| BOND BROOK 1 W | 0927 | SOMERSET | 10 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 41 09 | 74 55 | 90 | 7A | | | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 40 04 | 74 53 | 12 | 6P | | | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 41 07 | 74 30 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 39 28 | 75 25 | 20 | 9A | | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 38 57 | 74 58 | 10 | 5P | | | | | W. WEST MAGNETITE CO. |
| CEAR GROVE | 1472 | ESSEX | 8 40 52 | 74 18 | 400 | 8A | | | | | J. A. PLUMETT |
| CENTERTON | 1512 | SALEM | 6 39 31 | 75 10 | 80 | | | | | | JOHN HOPKINS UNIT. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 41 03 | 74 26 | 760 | 7A | 7A | | | | NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. MOLITOR |
| CHATS WORTH | 1598 | BURLINGTON | 1 39 49 | 74 32 | 100 | 5P | | | | | EARL M. KERCHNER |
| CLAYTON | 1708 | GLOUCESTER | 6 39 39 | 75 06 | 120 | 6P | 6P | | | | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 40 38 | 74 55 | 300 | 6P | | | | | L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 40 40 | 74 14 | 33 | 5P | | | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 40 38 | 74 12 | 10 | MIO | | | | | SEWAGE TREATMENT PLANT |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 8 40 50 | 74 18 | 250 | 8A | | | | | BOROUGH ESSEX FELS |
| FLEMINGTON 3 NE | 3029 | HUNTERDON | 10 40 31 | 74 51 | 134 | 5P | 5P | | | | H. DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOPER |
| FREHOLD | 3161 | MONMOUTH | 10 40 15 | 74 17 | 194 | 6P | 6P | | | | FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 39 42 | 75 07 | 150 | | | | | | V. EUGENE VIVIAN |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 40 56 | 74 55 | 540 | | | | | | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 41 09 | 74 20 | 660 | 7A | | | | | GEORGE L. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 40 53 | 74 03 | 10 | | | | | | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 41 18 | 74 40 | 1570 | 8A | 8A | | | | N. J. DEPT. OF COMS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 40 17 | 74 31 | 100 | 6P | 6P | | | | JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 39 48 | 74 47 | 100 | 7P | 7P | | | | EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 40 43 | 74 15 | 120 | MIO | | | | | JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 40 44 | 74 04 | 135 | MIO | MIO | | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 40 22 | 74 57 | 75 | 6P | 6P | | | | H. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 40 04 | 74 08 | 20 | MIO | MIO | | | | C. H. GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 41 15 | 74 51 | 480 | 6P | 6P | | | | A. M. DEPU |
| LITTLE FALLS | 4887 | PASSAIC | 8 40 53 | 74 14 | 150 | 9A | 9A | | | | C. H. PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 40 18 | 74 00 | 20 | MIO | MIO | | | | C. H. WILLIAM G. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 40 48 | 74 46 | 660 | 6P | 6P | | | | H. ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 39 58 | 74 48 | 25 | | | | | | JAMES LAWTON |
| MACORIN INTAKE | 5071 | PASSAIC | 8 41 01 | 74 24 | 584 | 9A | | | | | NEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 8 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 40 33 | 74 34 | 50 | MIO | | | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 40 20 | 74 14 | 120 | | | | | | GEROW BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 39 27 | 74 44 | 50 | 5P | | | | | ELMER EARLE |
| MIDLAND PARK | 5503 | BERGEN | 8 40 59 | 74 09 | 210 | MIO | | | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 39 24 | 75 03 | 60 | 8A | MIO | | | | L. J. GALLAHER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 39 22 | 75 04 | 70 | MIO | MIO | | | | FED. AVIATION AGENCY |
| MILTON | 5597 | MORRIS | 8 41 01 | 74 32 | 950 | 7A | | | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | BURLINGTON | 2 39 58 | 74 58 | 55 | MIO | 8A | | | | H. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 40 50 | 74 30 | 500 | 8A | 8A | | | | H. JAMES C. LONG |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 40 42 | 74 10 | 11 | MIO | MIO | | | | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6042 | MIDDLESEX | 10 40 28 | 74 26 | 86 | 5P | 5P | | | | GH. ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | BERGEN | 8 40 57 | 74 02 | 12 | MIO | | | | | HACKENSACK WATER CO. |
| NEWTON | 6177 | SUSSEX | 8 41 03 | 74 45 | 565 | 8A | 8A | | | | NEWTON WTR. & SWR. COMM. |
| OAK RIDGE RESERVOIR | 6440 | PASSAIC | 8 41 02 | 74 30 | 870 | 8A | | | | | NEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 40 40 | 74 45 | 260 | 8A | | | | | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 40 47 | 74 14 | 140 | MIO | | | | | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 40 54 | 74 09 | 100 | 8A | 8A | | | | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 39 58 | 74 36 | 60 | 5P | 5P | | | | H. PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 40 41 | 75 18 | 182 | 5P | 5P | | | | SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 40 42 | 75 12 | 196 | 9A | | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 40 36 | 74 28 | 120 | 6P | 8P | | | | H. MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 40 20 | 74 40 | 60 | MIO | | | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 40 36 | 74 15 | 20 | MIO | | | | | RAHWAY VLY. SW. AUTH. |
| RIDGEFIELD | 7545 | BERGEN | 4 40 50 | 74 01 | 80 | MIO | MIO | | | | H. GEORGE P. KIRSTEN |
| RINGWOOD | 7587 | PASSAIC | 8 41 08 | 74 16 | 305 | 10A | | | | | NO. JERSEY WTR. SUPPLY |
| SCHOOLERS MOUNTAIN | 7898 | MORRIS | 10 40 48 | 74 48 | 1000 | 8A | | | | | JOHN VANSTONE |
| SHILON | 8051 | CUMBERLAND | 2 39 28 | 75 18 | 120 | 5P | 5P | | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 40 34 | 74 37 | 75 | 6P | 6P | | | | H. E. HAYER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 40 58 | 74 28 | 800 | 10A | | | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 40 43 | 74 18 | - | | | | | | N. J. DEPT. OF COMS. |
| SUSSEX | 8644 | SUSSEX | 5 41 13 | 74 37 | 440 | 7A | 7A | | | | BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 39 57 | 74 13 | 10 | 6P | 6P | | | | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 40 57 | 74 50 | 551 | | | | | | M. J. CRUVEY |
| TRENTON WB CITY | 8883 | MERCER | 2 40 13 | 74 46 | 56 | MIO | MIO | | | | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 39 36 | 74 20 | 10 | 6P | 6P | | | | REV. WALTER T. GANDEK |
| WANOUKE RAYMOND DAM | 9187 | PASSAIC | 8 41 03 | 74 18 | 320 | 8A | | | | | C. H. WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 40 40 | 74 25 | - | | | | | | BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 40 27 | 74 48 | 160 | 7A | | | | | ROBERT M. HAMMERS |
| WESTFIELD | 9455 | UNION | 9 40 39 | 74 21 | 138 | MIO | | | | | CITY ENGINEER |
| WEST WHARTON | 9608 | MORRIS | 8 40 54 | 74 36 | 680 | 7A | | | | | N. J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 41 01 | 74 03 | 103 | MIO | | | | | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 39 39 | 75 19 | 50 | 5P | 5P | | | | CREAM VALLEY DAIRY |
| NEW STATIONS | | | | | | | | | | | |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 40 25 | 74 06 | 30 | AP | AP | | | | ST. MARYS SCHOOL |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-BARTAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 5/5/61 --- 850

51.05
V NJ

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

APRIL 1961
Volume 66 No. 4



THE LIBRARY OF THE
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ASHEVILLE: 1961

NEW JERSEY - APRIL 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 92° on the 25th at Belleplain Sta Forest

Lowest Temperature: 18° on the 9th at Layton 3 NW

Greatest Total Precipitation: 8.00 inches at Cedar Grove

Least Total Precipitation: 2.86 inches at Atlantic City

Greatest One-Day Precipitation: 2.05 inches on the 13th at Freehold
and Princeton Water Works

Greatest Reported Total Snowfall: 10.0 inches at High Point Park

Greatest Reported Depth of Snow on Ground: 5 inches on the 14th at
Canistear Reservoir and
High Point Park

SPECIAL WEATHER SUMMARY

On April 13th an intensifying coastal storm brought high winds to all of New Jersey, with heavy rains in most areas of the State, and from 5 to 6 inches of snow in the northwestern counties. High tides caused minor flooding along the entire coast. Railroad service between Newark and Jersey City was interrupted, and ferry service between New York City and points in New Jersey was suspended, due to high tides and flooding.

On April 25th, during the late afternoon and early evening hours, a thunderstorm passed eastward through Mercer and Monmouth Counties, with high winds causing considerable damage to several dwellings and outbuildings, including the toppling of several chimneys.

Donald V. Dunlap
Weather Bureau State Climatologist
c/o General Delivery
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
APRIL 1961

| Station | Temperature | | | | | | | | | | Precipitation | | | | | | | | | | | | |
|-----------------------|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|----------------|-------|--------------------------------------|--------------|------|-------------|---------------------------|------|---------------|---------------|----------------|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | Max | | Min. | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | 50° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 57.6 | 34.6 | 46.1 | - 4.8 | 78 | 25+ | 24 | 9+ | 561 | 0 | 0 | 15 | 0 | 5.48 | 1.54 | 1.42 | 10 | 2.5 | T | 13+ | 9 | 3 | 2 |
| BOONTON 2 SE | 54.2 | 37.3 | 45.8 | - 2.9 | 76 | 26 | 28 | 3 | 567 | 0 | 0 | 8 | 0 | 6.02 | 2.32 | 1.21 | 14 | | | | 11 | 3 | 3 |
| CANOE BROOK | 54.8M | 36.4M | 45.6M | - 2.7 | 81 | 26 | 23 | 4 | 578 | 0 | 0 | 7 | 0 | 6.38 | 2.52 | 1.28 | 13 | .5 | 1 | 13 | 11 | 5 | 1 |
| CHARLOTTEBURG | 53.2 | 35.0 | 44.1 | - 3.9 | 77 | 26 | 25 | 9+ | 621 | 0 | 0 | 10 | 0 | 5.90 | 1.81 | .98 | 13 | 5.0 | 3 | 13 | 12 | 5 | 0 |
| ELIZABETH | 58.6 | 38.0 | 48.3 | - 3.4 | 84 | 25 | 27 | 4 | 500 | 0 | 0 | 5 | 0 | 6.82 | 2.96 | 1.70 | 13 | T | 0 | | 10 | 5 | 3 |
| ESSEX FELS SERV BLOC | 55.7M | | M | | 79 | 26 | | | | 0 | 0 | | 0 | 7.10 | | 1.50 | 13 | T | 0 | | | | |
| FLEMINGTON 1 NE | 58.1 | 35.4 | 46.8 | - 4.3 | 82 | 25 | 21 | 9 | 541 | 0 | 0 | 14 | 0 | 5.72 | 2.07 | 1.73 | 13 | 4.0 | 1 | 13 | 9 | 4 | 2 |
| HIGH POINT PARK | 50.8 | 31.1 | 41.0 | | 73 | 26 | 21 | 9 | 715 | 0 | 0 | 21 | 0 | 3.64 | | .81 | 17 | 10.0 | 5 | 14 | 13 | 3 | 0 |
| JERSEY CITY | 52.9 | 40.0 | 46.5 | - 3.9 | 77 | 25 | 32 | 9+ | 550 | 0 | 0 | 2 | 0 | 7.30 | 3.85 | 1.65 | 16 | .0 | 0 | | 10 | 5 | 3 |
| LAMBERTVILLE | 58.2 | 37.3 | 47.8 | - 2.9 | 82 | 25+ | 25 | 9 | 509 | 0 | 0 | 8 | 0 | 5.73 | 2.14 | 1.87 | 13 | .0 | 0 | | 10 | 4 | 2 |
| LAYTON 3 NW | 55.4 | 33.6 | 44.5 | - 2.9 | 76 | 22 | 18 | 9 | 610 | 0 | 0 | 15 | 0 | 4.15 | .38 | 1.18 | 13 | 9.5 | 2 | 13 | 9 | 2 | 1 |
| LITTLE FALLS | 57.2 | 37.8 | 47.5 | - 2.9 | 80 | 26 | 28 | 9 | 526 | 0 | 0 | 10 | 0 | 6.37 | 2.13 | .94 | 17 | .2 | T | 2+ | 13 | 4 | 0 |
| LONG VALLEY | 56.1 | 33.5 | 44.8 | | 80 | 25 | 22 | 21 | 599 | 0 | 0 | 17 | 0 | 5.30 | 1.49 | 1.30 | 13 | 2.0 | 0 | | 7 | 5 | 2 |
| MORRIS PLAINS | 55.0 | 36.2 | 45.6 | | 78 | 26 | 25 | 4 | 579 | 0 | 0 | 13 | 0 | 5.89 | | 1.07 | 13 | 4.5 | 2 | 13 | 11 | 5 | 1 |
| NEWARK WB AIRPORT | 56.5 | 40.7 | 48.6 | - 1.4 | 82 | 25 | 33 | 9+ | 487 | 0 | 0 | 0 | 0 | 5.28 | 2.01 | 1.09 | 16 | T | 0 | | 10 | 3 | 2 |
| NEWTON | 53.6 | 34.6 | 44.1 | - 4.1 | 75 | 26 | 23 | 9 | 619 | 0 | 0 | 16 | 0 | 4.20 | .60 | .61 | 14 | 6.0 | 3 | 14 | 12 | 2 | 0 |
| PATERSON | 56.5 | 39.9 | 48.2 | - 2.7 | 82 | 26 | 31 | 3 | 502 | 0 | 0 | 2 | 0 | 6.15 | 2.19 | 1.10 | 17 | .1 | 0 | | 13 | 4 | 1 |
| PHILLIPSBURG | 59.3 | 36.6 | 48.0 | - 2.2 | 81 | 25 | 27 | 9 | 504 | 0 | 0 | 9 | 0 | 5.87 | 1.97 | 1.49 | 10 | T | 0 | | 9 | 5 | 2 |
| PLAINFIELD | 57.5 | 38.0 | 47.8 | - 2.9 | 84 | 25 | 27 | 9+ | 514 | 0 | 0 | 7 | 0 | 5.92 | 2.17 | 1.09 | 10 | .5 | 0 | | 9 | 5 | 1 |
| SOMERVILLE | 57.1 | 36.6 | 46.9 | - 3.4 | 82 | 25 | 24 | 4 | 538 | 0 | 0 | 8 | 0 | 5.55 | 2.01 | 1.86 | 13 | T | 0 | | 8 | 4 | 1 |
| SUSSEX | 53.8 | 32.5 | 43.2 | - 6.1 | 73 | 26 | 24 | 21+ | 647 | 0 | 0 | 17 | 0 | 4.59 | .85 | .85 | 14 | 6.0 | 0 | | 13 | 2 | 0 |
| DIVISION | | | 46.1 | - 3.6 | | | | | | | | | | 5.68 | 1.90 | | | 2.5 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 58.3 | 39.9 | 49.1 | - 1.0 | 87 | 25 | 30 | 9+ | 478 | 0 | 0 | 4 | 0 | 3.12 | .21 | 1.43 | 13 | .0 | 0 | | 7 | 1 | 1 |
| AUDUBON | 59.9 | 40.7 | 50.3 | | 86 | 25 | 32 | 20+ | 442 | 0 | 0 | 2 | 0 | 4.65 | | 1.96 | 13 | T | 0 | | 10 | 2 | 1 |
| BELLEPLAIN STA FOREST | | | M | | 92 | 25 | | | | 1 | 0 | | 0 | | | | | | | | | | |
| BURLINGTON | 58.6 | 40.4M | 49.5M | - 3.5 | 86 | 25 | 31 | 4 | 457 | 0 | 0 | 2 | 0 | 5.55 | 2.13 | 1.90 | 13 | .0 | 0 | | 7 | 4 | 2 |
| CHATSORTH | 60.0 | 37.4 | 48.7 | | 88 | 25 | 26 | 21+ | 484 | 0 | 0 | 8 | 0 | | | | | .0 | 0 | | | | |
| CLAYTON | 58.0 | 38.9 | 48.5 | | 84 | 25 | 27 | 2 | 497 | 0 | 0 | 6 | 0 | 4.62 | | 1.15 | 10+ | .0 | 0 | | 9 | 3 | 3 |
| FREEHOLD | 57.3 | 37.2 | 47.3 | - 3.2 | 84 | 25 | 26 | 4 | 528 | 0 | 0 | 7 | 0 | 5.71 | 2.15 | 2.05 | 13 | .0 | 0 | | 10 | 3 | 2 |
| HIGHTSTOWN 1 N | 59.1 | 37.5 | 48.3 | - 2.3 | 85 | 25 | 26 | 9 | 495 | 0 | 0 | 7 | 0 | 5.43 | 2.13 | 1.92 | 13 | T | 0 | | 10 | 4 | 1 |
| INOJAN MILLS 2 W | 58.8 | 37.7 | 48.3 | - 2.9 | 86 | 25 | 23 | 4 | 498 | 0 | 0 | 7 | 0 | 4.80 | 1.34 | 1.95 | 13 | .0 | 0 | | 8 | 3 | 1 |
| LAURELTON 1 E | 58.6M | 39.9M | 49.3M | - 1.3 | 88 | 25 | | | 469 | 0 | 0 | | 0 | | | 1.55 | 13 | .0 | 0 | | | | 1 |
| MILLVILLE | 59.3 | 41.1M | 50.2M | | 88 | 26 | 29 | 10 | 446 | 0 | 0 | 2 | 0 | 3.01 | | 1.16 | 13 | .0 | 0 | | 8 | 2 | 1 |
| MILLVILLE FAA AIRPORT | 59.0 | 39.5 | 49.3 | | 87 | 25 | 30 | 21 | 475 | 0 | 0 | 6 | 0 | 2.96 | | 1.15 | 13 | .0 | 0 | | 5 | 2 | 1 |
| MOORESTOWN | 58.7 | 38.8 | 48.8 | - 2.2 | 86 | 25 | 28 | 4 | 485 | 0 | 0 | 5 | 0 | 5.31 | 1.84 | 1.39 | 13 | T | 0 | | 11 | 4 | 1 |
| NEW BRUNSWICK EXP STA | 57.0 | 37.8 | 47.4 | - 3.4 | 83 | 25 | 26 | 9 | 526 | 0 | 0 | 5 | 0 | | | | | T | 0 | | | | |
| NEW MONMOUTH | 57.9 | 38.3 | 48.1 | | 85 | 25 | 25 | 3 | 507 | 0 | 0 | 4 | 0 | 5.94 | | 1.18 | 10 | .0 | 0 | | 10 | 6 | 1 |
| PEMBERTON 3 E | 59.9 | 36.0 | 48.0 | - 4.1 | 86 | 25 | 24 | 21+ | 505 | 0 | 0 | 10 | 0 | 4.87 | 1.43 | 1.96 | 13 | .0 | 0 | | 8 | 3 | 1 |
| SHILOH | 59.6 | 39.9 | 49.8 | - 2.7 | 87 | 25 | 30 | 4 | 462 | 0 | 0 | 4 | 0 | 4.33 | 1.20 | 1.63 | 13 | .0 | 0 | | 7 | 4 | 1 |
| TOMS RIVER | 58.4 | 37.5 | 48.0 | | 87 | 25 | 25 | 9 | 506 | 0 | 0 | 10 | 0 | 4.66 | | 1.64 | 13 | .0 | 0 | | 7 | 4 | 1 |
| TRENTON WB CITY | 57.0 | 40.1 | 48.6 | - 2.1 | 85 | 25 | 32 | 9+ | 492 | 0 | 0 | 3 | 0 | 4.71 | 1.71 | 1.59 | 13 | T | 0 | | 11 | 4 | 1 |
| TUCKERTON | 59.0 | 38.4 | 48.7 | | 88 | 25 | 26 | 9 | 490 | 0 | 0 | 7 | 0 | 4.16 | | 1.75 | 13 | .0 | 0 | | 7 | 3 | 1 |
| WOODSTOWN | 60.5M | 39.0M | 49.8M | | 86 | 25 | 27 | 4 | 455 | 0 | 0 | 7 | 0 | 5.71 | | 1.93 | 13 | .0 | 0 | | 7 | 3 | 2 |
| DIVISION | | | 48.8 | - 2.5 | | | | | | | | | | 4.68 | 1.24 | | | T | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 54.4 | 39.2 | 46.8 | - 2.6 | 82 | 25 | 30 | 4 | 540 | 0 | 0 | 3 | 0 | 2.86 | .54 | 1.49 | 13 | | | | 6 | 1 | 1 |
| CAPE MAY 3 W | 57.5M | 42.4M | 50.0M | | 83 | 25 | 35 | 30+ | 448 | 0 | 0 | 0 | 0 | 3.25 | | 1.26 | 13 | .0 | 0 | | 4 | 2 | 2 |
| LONG BRANCH | 55.3 | 39.3 | 47.3 | - 2.2 | 85 | 25 | 30 | 9 | 527 | 0 | 0 | 3 | 0 | 5.00 | 1.46 | 1.66 | 13 | T | 0 | | 9 | 3 | 1 |
| DIVISION | | | 48.0 | - 1.7 | | | | | | | | | | 3.70 | .45 | | | T | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover | Sunrise to sunset |
|--------------------------|----------------|----------------------------|---------------------|--------------|---------------------------|----------------------|--------------------------------------|------------|------------|------------|-----------------------------------|-------|-------|-------|---------|--------------|-------|------------------------------|-------------------|-------------------|
| | Prevailing | Percent of time prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| ATLANTIC CITY WB AIRPORT | WNW | 21 | 15.0 | 46 | ENE | 13 | 72 | 76 | 46 | 57 | 9 | 4 | 6 | 0 | 1 | 0 | 20 | 62 | 6.4 | |
| LONG BRANCH | NW | 14 | 12.4 | 70 | E | 13 | - | 76 | 61 | 66 | 5 | 4 | 6 | 2 | 1 | 0 | 18 | 50 | 6.3 | |
| NEWARK WB AIRPORT | WNW | 15 | 12.3 | 35+ | NE | 26+ | 68 | 68 | 47 | 56 | 7 | 4 | 7 | 1 | 2 | 0 | 21 | - | 6.7 | |
| TRENTON WB CITY | NW | - | 11.6 | 40 | NE | 13 | - | - | - | - | 4 | 3 | 7 | 3 | 1 | 0 | 18 | 58 | 6.5 | |
| * 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
APRIL 1961

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|--------------|-----|---|-----|-----|-----|---|---|-----|------|------|------|------|------|-----|--------|------|-----|-----|-----|----|-----|-----|-------|-----|-----|-----|-----|------|-----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AP | 3.12 | .14 | | | | | | T | T | | T | .39 | .29 | 1.43 | | | .28 | T | .05 | .01 | T | T | .01 | T | | T | .06 | .24 | .22 | | | |
| ATLANTIC CITY | 2.84 | .10 | | | | | | | | | .43 | .16 | 1.49 | | | | .24 | | .05 | | | | | | | | .08 | .08 | .25 | | | |
| AUGUBON | 4.65 | .20 | | | | | T | | | | .96 | T | 1.96 | .20 | | .06 | .40 | T | .12 | T | | | .15 | | T | .15 | .22 | .23 | | | | |
| BASS RIVER ST FOREST | 4.29 | .80 | | | | | | | | | .55 | | | | | | .30 | | .04 | .11 | T | | | | .04 | | .11 | .06 | .02 | .73 | | |
| BELLEPLAIN STA FOREST | | | | | | | | | | | | | | | | | | | | | T | | | | | | .06 | .23 | .58 | | | |
| BELVIDERE | 5.48 | .60 | .01 | | | | .02 | T | | | 1.42 | | 1.31 | .10 | | | .48 | T | .08 | .10 | .01 | | T | .35 | .07 | .35 | .05 | .08 | .45 | | | |
| BERNARDSVILLE 2 E | 6.59 | .32 | .04 | | | | | | | | .40 | .86 | 1.23 | 1.34 | | | .30 | .84 | .06 | .14 | | | .02 | .34 | .02 | .02 | .34 | .01 | | .31 | | |
| BLACKWELLS MILLS | 5.64 | .48 | | | | | | | | | .44 | .51 | .97 | 1.17 | | | .16 | .47 | T | .14 | .04 | | T | .19 | .05 | .71 | .03 | | | .28 | | |
| BOONTON 2 SE | 6.02 | .20 | | | | | T | | | | .49 | .47 | 1.06 | 1.21 | | | .19 | 1.03 | T | .16 | .04 | | | .27 | .06 | .07 | .31 | | .44 | T | | |
| BOUND BROOK 1 W | 5.39 | .42 | | | | | | | | | .51 | .56 | 1.11 | .88 | | | .07 | .56 | | .07 | .03 | | | .28 | T | .54 | | .36 | T | | | |
| BRANCHVILLE | 4.40 | .26 | .05 | | | | | | | | .48 | .29 | .70 | .47 | | | .06 | .33 | .50 | .10 | .05 | | | | | .26 | .17 | .03 | .29 | .02 | | |
| BURLINGTON | 5.55 | .60 | | | | | | T | | | 1.56 | | T | 1.90 | | | .45 | | .20 | T | | | T | .34 | T | | .26 | .17 | .03 | | | |
| CANISTEAR RESERVOIR | 4.85 | .28 | .02 | | | | .01 | | | | .50 | .53 | T | .70 | .72 | | .04 | .60 | T | .27 | T | | | | .31 | T | .18 | .24 | .45 | | | |
| CANOE BROOK | 6.38 | .32 | T | | | | | | | | .64 | .59 | 1.28 | .89 | | | .34 | .77 | .06 | .28 | .03 | | | | .36 | .04 | .04 | .41 | .02 | .31 | T | |
| CANTON | 6.19 | .79 | .03 | | | | .02 | | | | 1.45 | | 1.83 | .15 | | | .17 | .19 | | | | | | .19 | | | .33 | | | 1.04 | | |
| CAPE MAY 3 W | 3.25 | 1.07 | | | | | | | | | .33 | | .02 | 1.26 | .01 | | .08 | | .01 | .02 | | | | | | | | | | .45 | | |
| CEDAR GROVE | 8.00 | .35 | | | | | | | | | 1.08 | .95 | .80 | .81 | | | .35 | 1.45 | .10 | .45 | .15 | | | .30 | .10 | .06 | .55 | | | .50 | | |
| CHARLOTTEBURG | 5.90 | .35 | .04 | | | | .01 | | | | .53 | .67 | .98 | .74 | | | .10 | .83 | .01 | .23 | .06 | | | | .46 | T | .33 | .30 | .24 | .02 | | |
| CHATHAM | 6.09 | .37 | .02 | | | | | | | | .50 | .76 | 1.04 | .80 | | | .24 | .80 | .10 | .30 | .05 | | | | .35 | .02 | | | .42 | | | |
| CHATHAM | | .65 | | | | | T | | | | .76 | | | .12 | | | .32 | | .02 | .10 | T | | .03 | .10 | | | .24 | | | .28 | | |
| CLAYTON | 4.62 | 1.15 | | | .01 | .04 | | | | | .15 | 1.15 | | 1.05 | .16 | | | | .04 | | | T | T | .15 | | .17 | .21 | | .27 | .07 | | |
| CLINTON | 6.41 | .54 | | | | | .02 | | | | 1.66 | | 1.58 | .06 | | | .80 | | | .12 | | | | | .40 | .01 | .31 | .07 | | .28 | .52 | |
| ELIZABETH | 6.82 | .35 | T | | | | | | | | 1.23 | | 1.70 | .02 | | | 1.31 | .20 | .44 | .08 | .10 | | | | .31 | .03 | .05 | .44 | | .50 | | |
| ELIZABETHPORT | 6.30 | .19 | | | | | | | | .01 | 1.11 | | 1.81 | .13 | | .01 | 1.01 | | .38 | .10 | | | .24 | .02 | .02 | .44 | .11 | | .11 | .61 | | |
| ESSEX FIELDS SERV BLOC | 7.10 | .37 | .04 | | | | | | | | .81 | .73 | 1.50 | .63 | | | * 1.18 | .14 | .33 | .13 | | | | | * .11 | .23 | .44 | | | .46 | | |
| FLEMINGTON 1 NE | 5.72 | .45 | .03 | T | | | | T | T | | 1.08 | T | 1.73 | .22 | | | .67 | T | .11 | .09 | T | | | | .26 | .02 | | .68 | T | .38 | | |
| FORTESCUE | 3.89 | .90 | | | | | | | | | .48 | | 1.20 | .10 | | | .17 | .23 | | | | | | | | | .13 | | | .68 | | |
| FREHOLD | 5.71 | .61 | | | | | | | | | 1.02 | | 2.05 | .25 | | | .45 | | .17 | .03 | .05 | | .11 | | | .15 | .38 | | .44 | | | |
| GREENWOOD LAKE | 5.89 | .26 | .08 | T | | | .02 | | | | .46 | .78 | .90 | | | | .10 | 1.17 | .12 | .45 | .21 | | | .40 | .05 | .21 | .23 | | .36 | .09 | | |
| HIGH POINT PARK | 3.64 | .14 | | | | | .01 | T | T | | .20 | .12 | .11 | .16 | | | .05 | .81 | .11 | .65 | T | | T | .23 | .15 | .55 | .15 | | .20 | | | |
| HIGHTSTOWN 1 M | 5.43 | .63 | T | | | | | | | | .81 | T | 1.92 | .21 | | | .43 | .01 | .13 | .01 | | | | .18 | T | | .60 | .20 | | .30 | | |
| INOIAN MILLS 2 W | 4.80 | .65 | | | | | | T | | | .75 | | .02 | 1.95 | .02 | | .40 | | .09 | .10 | | | | .10 | | .08 | .21 | | .06 | .37 | | |
| IRVINGTON | 6.03 | .10 | | | | | | | | | 1.07 | | 1.38 | | | .04 | 1.31 | T | .35 | .09 | | | .40 | | .12 | .32 | .15 | | .12 | .51 | | |
| JERSEY CITY | 7.30 | .06 | | | | | | | | | 1.38 | | .09 | 1.57 | | T | 1.65 | | .76 | .10 | | | .28 | | .22 | .36 | T | | .10 | .77 | | |
| LAMBERTVILLE | 5.73 | .54 | | | | | | | | | 1.14 | | .01 | 1.87 | .11 | | .53 | T | .07 | .08 | | | | .30 | .01 | .46 | .22 | | .19 | .18 | | |
| LAURELTON 1 E | | | | | | | | | | .03 | .57 | | .15 | 1.55 | | .03 | .52 | .23 | T | | | | .09 | | | .10 | .16 | | .20 | .20 | | |
| LAYTON 3 NW | 4.15 | .40 | | | | | | | | | .66 | | 1.18 | .03 | | | .30 | T | .40 | .05 | .03 | | | .22 | .27 | .40 | .04 | | .02 | .15 | | |
| LITTLE FALLS | 6.37 | .32 | .01 | | | | | | | | .66 | .70 | | .88 | .44 | | .46 | .94 | .11 | .41 | .11 | | | .31 | .08 | .03 | .43 | | .48 | | | |
| LONG BRANCH | 5.00 | .29 | T | | | | T | | | .04 | .75 | | .04 | 1.66 | | | .82 | | .14 | .06 | | | .09 | .35 | | .39 | .14 | | .15 | .43 | | |
| LONG VALLEY | 5.30 | .52 | | | | | | | | | 1.26 | | 1.30 | | | | .75 | | .06 | .25 | | | | | | .35 | .03 | | | .78 | | |
| MAHWAH | 6.09 | .32 | .04 | | | | .01 | | | | .44 | .76 | | .72 | .20 | | .30 | .71 | .10 | .71 | .16 | | | .49 | .03 | .24 | .27 | .01 | .57 | .01 | | |
| MANVILLE | 3.88 | .09 | T | | | | | | | .05 | .10 | | .10 | .59 | | .03 | .53 | | .10 | .04 | | T | .30 | .04 | .04 | .17 | | .18 | .16 | | | |
| MAYS LANDING | | | | | | | | | | | | | | | | | | | | .05 | .12 | | | | | .08 | | | .00 | | | |
| NIOLANO PARK | 4.25 | .09 | .01 | | | | .02 | | | | .87 | | .06 | .33 | | | .93 | | .43 | .14 | | | .30 | .03 | .06 | .08 | .01 | | .17 | .15 | | |
| MILLVILLE | 3.01 | .05 | | | | | T | | | | .64 | | .25 | 1.16 | .13 | | .23 | T | | | | | | | .01 | .10 | | .12 | .29 | | | |
| MILLVILLE FAA AIRPORT | 2.96 | .09 | | | | | | | | T | .65 | | .12 | 1.15 | | T | .33 | T | .05 | | | | | | | .08 | T | | .03 | .46 | | |
| MILTON | 5.98 | .23 | .09 | | | | | | | | .21 | .90 | | .23 | 1.21 | | .22 | .52 | .05 | .39 | .02 | | | .55 | | .41 | .43 | | .08 | .44 | | |
| MOORESTOWN | 5.31 | .73 | | | | | | | | | .67 | .19 | 1.39 | .84 | | | .15 | .42 | | .13 | T | | | .13 | | | .32 | | .34 | | | |
| MORRIS PLAINS | 5.89 | .29 | .03 | T | | | | T | T | | .57 | .57 | 1.07 | .91 | | | .28 | .95 | T | | T | | | .25 | .07 | .10 | .35 | | .45 | | | |
| NEWARK WB AIRPORT | 5.28 | .09 | T | | | | T | T | | T | 1.08 | | .06 | .77 | | .01 | 1.09 | T | .49 | .10 | | | .29 | T | .25 | .40 | .08 | T | .11 | .46 | | |
| NEW BRUNSWICK EXP STA | | .45 | T | T | | | | | | | .79 | | | | | | .75 | .05 | .15 | .20 | | | .15 | | .05 | | .90 | | .50 | | | |
| NEW MILFORD | 5.23 | .14 | | | | | | | | | .88 | | .06 | 1.14 | | | 1.48 | | .68 | .04 | | | .22 | | | .42 | | .08 | .09 | | | |
| NEW MONMOUTH | 5.94 | .53 | | | | | | | | | 1.18 | | .92 | .29 | | | .75 | .01 | .30 | .11 | .06 | | .01 | .14 | .06 | | .89 | | .69 | | | |
| NEWTON | 4.21 | .20 | .03 | T | | | .01 | | | | .45 | .21 | .60 | .61 | | | .04 | .32 | .10 | .38 | .01 | | | .40 | .01 | .25 | .20 | | .38 | | | |
| OAK RIDGE RESERVOIR | 5.43 | .23 | .06 | | | | | | | | .42 | .24 | 1.02 | .79 | | | .06 | .68 | .03 | .23 | | | | .62 | .02 | .27 | .35 | | .41 | | | |
| OLOWICK | 5.49 | .37 | .04 | | | | | T | | | .66 | .48 | 1.03 | .57 | | | .33 | .49 | T | .18 | T | | | .35 | .02 | | .54 | | .43 | | | |
| ORANGE | | .35 | | | | | | | | | 1.45 | | | .33 | | | 1.98 | | .24 | .08 | | | | | | .32 | | | .65 | | | |
| PATERSON | 6.15 | .26 | .02 | T | | | | | | | .42 | .77 | .89 | .26 | | | .55 | 1.10 | .20 | .44 | .10 | | | .33 | .05 | .04 | .24 | | .47 | | | |

DAILY TEMPERATURES

NEW JERSEY
APRIL 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX MIN | 48 38 | 48 36 | 52 33 | 51 30 | 54 35 | 55 42 | 54 36 | 51 32 | 50 30 | 54 41 | 52 40 | 53 36 | 48 37 | 61 37 | 55 41 | 65 45 | 56 34 | 50 39 | 53 36 | 57 33 | 60 32 | 71 50 | 72 54 | 83 52 | 87 54 | 75 52 | 58 46 | 59 46 | 58 42 | 59 38 | 58.3 39.9 | |
| ATLANTIC CITY | MAX MIN | 48 39 | 48 35 | 50 34 | 45 30 | 54 36 | 54 41 | 53 35 | 49 32 | 43 32 | 52 40 | 50 39 | 51 36 | 46 36 | 58 42 | 48 38 | 60 44 | 48 39 | 48 36 | 47 36 | 50 34 | 51 36 | 62 50 | 70 48 | 78 54 | 82 86 | 71 48 | 53 49 | 50 45 | 56 43 | 56 44 | 54.4 39.2 | |
| AUDUBON | MAX MIN | 47 35 | 46 35 | 53 32 | 53 33 | 55 36 | 54 43 | 56 37 | 52 36 | 58 34 | 48 38 | 53 43 | 55 34 | 46 36 | 61 39 | 64 42 | 68 45 | 60 35 | 52 41 | 54 41 | 60 32 | 66 34 | 74 53 | 73 54 | 82 85 | 86 90 | 73 53 | 62 46 | 65 43 | 60 44 | 61 41 | 59.9 40.7 | |
| BELLEPLAIN STA FOREST | MAX MIN | | | | | | | | | | | | | | | | | | | 57 30 | 59 23 | 64 23 | 74 50 | 76 54 | 85 51 | 92 53 | 83 51 | 68 39 | 63 38 | 60 39 | 62 34 | | |
| BELVIDERE | MAX MIN | 44 31 | 44 29 | 48 28 | 52 24 | 52 29 | 55 33 | 53 29 | 47 33 | 53 24 | 51 31 | 50 38 | 55 30 | 51 32 | 56 34 | 62 32 | 53 40 | 55 27 | 53 24 | 52 25 | 61 27 | 65 27 | 71 48 | 73 50 | 78 43 | 78 43 | 72 55 | 65 39 | 60 39 | 59 43 | 59 35 | 57.6 34.6 | |
| BOONTON 2 SE | MAX MIN | 47 32 | 42 35 | 42 28 | 45 26 | 52 37 | 54 36 | 52 37 | 51 34 | 46 32 | 52 37 | 44 38 | 48 35 | 55 32 | 42 34 | 52 33 | 58 39 | 47 30 | 54 38 | 43 37 | 44 29 | 59 32 | 63 48 | 69 52 | 69 49 | 70 53 | 76 54 | 71 49 | 63 43 | 59 42 | 56 39 | 54.2 37.3 | |
| BURLINGTON | MAX MIN | 46 36 | 46 37 | 53 34 | 54 31 | 54 37 | 57 35 | 57 39 | 47 32 | 48 32 | 46 37 | 43 41 | 45 38 | 43 35 | 60 35 | 62 42 | 65 45 | 61 35 | 56 41 | 54 45 | 59 36 | 67 35 | 76 54 | 71 50 | 84 53 | 86 50 | 71 50 | 62 45 | 65 44 | 60 40 | 61 40 | 58.6 40.4 | |
| CANOE BROOK | MAX MIN | 48 33 | 43 33 | 45 30 | 46 23 | 53 36 | 55 32 | 52 33 | 52 35 | 48 24 | 54 35 | 44 39 | 48 33 | 56 34 | 40 34 | 50 30 | | 50 30 | 52 36 | 44 27 | 46 30 | 56 27 | 65 50 | 72 52 | 70 44 | 70 46 | 81 76 | 71 56 | 62 40 | 60 40 | 56 39 | 54.8 36.4 | |
| CAPE MAY 3 W | MAX MIN | 48 37 | 49 41 | 53 38 | 53 27 | 52 41 | 55 43 | 52 39 | 52 36 | 49 36 | 53 42 | 51 44 | 52 45 | 49 40 | 55 40 | 56 43 | 60 47 | 61 39 | 59 36 | 54 36 | 54 35 | 56 34 | 68 48 | 66 52 | 76 50 | 83 74 | | 63 46 | 58 46 | 57 38 | 57.5 42.4 | | |
| CHARLOTTEBURG | MAX MIN | 48 33 | 44 36 | 41 25 | 44 31 | 50 34 | 52 33 | 50 34 | 49 31 | 44 25 | 53 32 | 46 33 | 46 34 | 54 32 | 38 30 | 48 33 | 59 33 | 46 29 | 52 34 | 41 33 | 42 28 | 59 29 | 64 45 | 70 49 | 68 40 | 68 46 | 77 54 | 70 46 | 64 36 | 58 39 | 56 39 | 53.2 35.0 | |
| CHATSORTH | MAX MIN | 45 35 | 47 37 | 52 28 | 53 26 | 53 29 | 56 35 | 56 34 | 53 33 | 57 32 | 54 39 | 52 45 | 54 31 | 46 40 | 60 33 | 58 35 | 64 45 | 62 32 | 56 40 | 50 35 | 60 31 | 66 26 | 74 51 | 71 49 | 83 48 | 88 45 | 83 46 | 64 44 | 64 42 | 60 41 | 59 35 | 60.0 37.4 | |
| CLAYTON | MAX MIN | 43 30 | 47 27 | 49 31 | 52 23 | 55 34 | 52 35 | 51 34 | 52 38 | 49 34 | 52 38 | 51 32 | 43 30 | 56 36 | 63 39 | 63 41 | 64 36 | 58 39 | 54 30 | 59 35 | 63 31 | 72 50 | 70 53 | 81 55 | 84 60 | 70 53 | 65 41 | 60 43 | 59 40 | 53 39 | 58.0 38.9 | | |
| ELIZABETH | MAX MIN | 44 35 | 47 33 | 50 31 | 56 27 | 59 34 | 57 35 | 57 33 | 52 35 | 55 28 | 46 37 | 50 39 | 59 35 | 50 36 | 56 34 | 57 36 | 50 42 | 55 31 | 51 42 | 46 37 | 60 30 | 67 33 | 72 52 | 73 51 | 70 44 | 84 49 | 78 59 | 65 43 | 63 40 | 59 43 | 70 39 | 58.6 38.0 | |
| ESSEX FELS SERV BLDG | MAX MIN | 48 32 | 48 32 | 42 29 | 48 25 | 53 33 | 55 34 | 52 30 | | | 54 37 | 44 31 | 49 33 | 55 33 | 55 33 | | 57 28 | 64 37 | 42 34 | | 59 27 | | | | | 72 46 | 70 46 | 79 58 | 74 41 | | 62 37 | 55.7 | |
| FLEMINGTON 1 NE | MAX MIN | 44 33 | 42 31 | 48 30 | 54 23 | 54 36 | 56 32 | 53 28 | 48 34 | 54 21 | 55 32 | 56 38 | 48 32 | 55 32 | 59 30 | 58 25 | 55 42 | 53 25 | 53 30 | 51 34 | 61 25 | 65 30 | 72 50 | 72 58 | 81 48 | 82 72 | 72 58 | 63 46 | 61 42 | 60 41 | 60 36 | 58.1 35.4 | |
| FREEMOLO | MAX MIN | 42 34 | 47 32 | 50 36 | 53 26 | 55 33 | 55 37 | 55 34 | 46 31 | 53 27 | 50 37 | 51 39 | 55 35 | 46 36 | 58 35 | 58 36 | 52 40 | 56 33 | 52 34 | 45 30 | 58 34 | 66 34 | 73 48 | 70 48 | 78 49 | 84 58 | 73 48 | 60 54 | 62 42 | 57 41 | 60 35 | 57.3 37.2 | |
| HIGH POINT PARK | MAX MIN | 48 27 | 46 26 | 46 23 | 40 25 | 49 28 | 54 31 | 46 28 | 49 25 | 40 21 | 50 28 | 44 29 | 44 29 | 48 26 | 33 29 | 44 28 | 54 29 | 41 29 | 48 30 | 40 29 | 39 25 | 56 35 | 65 42 | 67 43 | 72 42 | 61 43 | 72 46 | 61 38 | 55 35 | 50 28 | 50.8 31.1 | | |
| HIGHTSTOWN 1 N | MAX MIN | 43 34 | 45 36 | 50 31 | 56 27 | 55 32 | 55 36 | 54 29 | 49 26 | 55 32 | 47 36 | 52 37 | 58 41 | 48 35 | 61 36 | 60 35 | 52 42 | 60 33 | 52 40 | 47 36 | 60 32 | 68 33 | 78 49 | 73 51 | 83 48 | 85 74 | 70 55 | 62 42 | 58 41 | 60 36 | 59.1 37.5 | | |
| INDIAN MILLS 2 W | MAX MIN | 46 35 | 47 35 | 51 32 | 52 23 | 52 33 | 53 37 | 54 33 | 50 34 | 58 25 | 51 38 | 52 42 | 54 32 | 46 34 | 59 35 | 60 39 | 65 47 | 60 34 | 51 39 | 53 47 | 59 29 | 65 28 | 74 52 | 71 48 | 83 49 | 86 56 | 73 48 | 60 44 | 64 42 | 58 40 | 57 36 | 58.8 37.7 | |
| JERSEY CITY | MAX MIN | 40 33 | 44 33 | 45 32 | 50 34 | 53 37 | 51 40 | 52 42 | 47 34 | 46 32 | 43 37 | 52 41 | 50 40 | 48 35 | 53 36 | 51 40 | 48 41 | 49 39 | 43 28 | 55 39 | 63 41 | 72 49 | 70 53 | 83 50 | 85 47 | 77 50 | 57 45 | 55 45 | 55 40 | 56 40 | 52.9 40.0 | | |
| LAMBERTVILLE | MAX MIN | 45 34 | 44 35 | 49 32 | 51 28 | 53 34 | 54 35 | 53 29 | 50 34 | 54 25 | 50 39 | 51 42 | 54 30 | 47 34 | 59 36 | 63 40 | 59 34 | 59 38 | 55 30 | 60 28 | 65 30 | 72 52 | 71 53 | 82 46 | 82 48 | 72 52 | 61 48 | 63 43 | 59 39 | 60 44 | 58.2 37.3 | | |
| LAURELTON 1 E | MAX MIN | | | | | | | | | | 42 39 | 52 38 | 51 42 | 56 36 | 43 36 | 59 36 | 61 44 | 52 37 | 49 30 | 47 36 | 56 32 | 61 32 | 71 48 | 72 50 | 68 48 | 88 47 | 74 49 | 60 44 | 58 42 | 58 44 | 58 36 | 58.6 39.9 | |
| LAYTON 3 NW | MAX MIN | 44 32 | 44 26 | 44 26 | 44 24 | 52 28 | 50 38 | 50 25 | 44 31 | 44 18 | 48 32 | 54 38 | 47 30 | 54 33 | 60 31 | 54 40 | 52 24 | 67 37 | 76 34 | 60 24 | 69 24 | 75 44 | 70 49 | 70 47 | 83 50 | 79 48 | 64 40 | 60 30 | 55 38 | 57 35 | 55.4 33.6 | | |
| LITTLE FALLS | MAX MIN | 50 32 | 45 31 | 50 32 | 46 23 | 56 34 | 57 38 | 54 34 | 54 35 | 50 28 | 56 32 | 46 38 | 50 37 | 57 33 | 43 34 | 55 38 | 60 42 | 49 31 | 55 39 | 45 27 | 46 31 | 64 39 | 68 52 | 73 48 | 74 52 | 69 62 | 75 48 | 65 42 | 64 40 | 59 38 | 57.2 37.8 | | |
| LONG BRANCH | MAX MIN | 42 36 | 45 35 | 49 32 | 52 30 | 53 35 | 54 40 | 53 36 | 50 33 | 46 30 | 50 39 | 51 40 | 55 39 | 45 38 | 54 39 | 50 42 | 51 35 | 46 38 | 41 37 | 56 33 | 62 36 | 70 50 | 71 50 | 75 48 | 85 48 | 73 53 | 57 45 | 56 45 | 57 40 | 58 38 | 55.3 39.3 | | |
| LONG VALLEY | MAX MIN | 41 30 | 44 28 | 47 26 | 51 24 | 53 30 | 55 30 | 51 26 | 55 30 | 53 24 | 48 30 | 55 36 | 48 38 | 56 30 | 54 36 | 48 37 | 53 24 | 45 32 | 65 26 | 54 24 | 65 22 | 70 48 | 72 49 | 82 47 | 86 48 | 72 46 | 64 38 | 62 42 | 56 41 | 58 34 | 56.1 33.5 | | |
| MILLVILLE | MAX MIN | 47 36 | 49 33 | 48 31 | 53 36 | 52 41 | 55 36 | 52 36 | 53 43 | 53 29 | 55 44 | 53 36 | 53 46 | 55 37 | 60 40 | 58 41 | 65 50 | 66 34 | 58 41 | 52 39 | 55 36 | 58 53 | 63 74 | 74 57 | 83 88 | 88 73 | 73 46 | 60 44 | 63 41 | 59 39 | 59.3 41.1 | | |
| MILLVILLE FAA AIRPORT | MAX MIN | 48 37 | 47 34 | 52 33 | 50 31 | 56 37 | 54 41 | 55 32 | 52 35 | 53 28 | 52 41 | 53 37 | 55 32 | 48 37 | 60 37 | 66 38 | 64 44 | 58 31 | 50 38 | 59 35 | 61 30 | 73 52 | 72 56 | 83 55 | 87 58 | 72 52 | 59 43 | 62 41 | 58 41 | 59 37 | 59.0 39.5 | | |
| MOORESTOWN | MAX MIN | 44 35 | 46 33 | 52 32 | 52 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
APRIL 1961

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 49 | 46 | 52 | 52 | 55 | 55 | 56 | 51 | 52 | 53 | 51 | 53 | 49 | 59 | 67 | 68 | 59 | 53 | 54 | 58 | 62 | 72 | 71 | 81 | 87 | 78 | 65 | 62 | 58 | 60 | 59.6 | |
| | MIN | 35 | 36 | 32 | 30 | 35 | 41 | 34 | 34 | 31 | 42 | 40 | 34 | 36 | 40 | 37 | 49 | 34 | 40 | 39 | 32 | 33 | 51 | 55 | 53 | 57 | 59 | 43 | 41 | 39 | 35 | 39.9 | |
| SOMERVILLE | MAX | 43 | 44 | 48 | 54 | 54 | 53 | 53 | 49 | 53 | 46 | 50 | 54 | 47 | 56 | 56 | 53 | 55 | 52 | 49 | 60 | 65 | 72 | 71 | 79 | 82 | 71 | 68 | 60 | 57 | 59 | 57.1 | |
| | MIN | 34 | 33 | 30 | 24 | 33 | 35 | 29 | 33 | 25 | 35 | 39 | 33 | 34 | 35 | 31 | 41 | 30 | 38 | 37 | 27 | 27 | 52 | 52 | 44 | 49 | 58 | 42 | 38 | 42 | 37 | 36.6 | |
| SUSSEX | MAX | 49 | 42 | 43 | 44 | 49 | 53 | 50 | 49 | 45 | 57 | 40 | 43 | 54 | 37 | 50 | 60 | 45 | 54 | 43 | 44 | 64 | 64 | 70 | 70 | 71 | 73 | 71 | 66 | 60 | 55 | 53.8 | |
| | MIN | 25 | 31 | 28 | 29 | 25 | 34 | 29 | 28 | 24 | 33 | 29 | 36 | 31 | 32 | 30 | 30 | 29 | 29 | 35 | 24 | 24 | 34 | 40 | 42 | 46 | 50 | 41 | 38 | 36 | 34 | 32.5 | |
| TOM5 RIVER | MAX | 47 | 45 | 54 | 50 | 54 | 55 | 55 | 52 | 53 | 45 | 53 | 51 | 50 | 64 | 60 | 66 | 60 | 55 | 43 | 58 | 61 | 74 | 75 | 79 | 87 | 69 | 68 | 60 | 52 | 58 | 58.4 | |
| | MIN | 39 | 32 | 31 | 28 | 31 | 33 | 29 | 33 | 25 | 39 | 43 | 32 | 40 | 36 | 38 | 39 | 31 | 39 | 36 | 31 | 28 | 47 | 53 | 49 | 48 | 53 | 44 | 45 | 37 | 37 | 37.5 | |
| TRENTON WB CITY | MAX | 44 | 44 | 49 | 52 | 50 | 53 | 54 | 48 | 53 | 46 | 50 | 54 | 41 | 59 | 57 | 64 | 57 | 48 | 48 | 58 | 64 | 71 | 69 | 82 | 85 | 72 | 60 | 61 | 58 | 58 | 57.0 | |
| | MIN | 35 | 34 | 32 | 32 | 36 | 41 | 37 | 35 | 32 | 36 | 42 | 38 | 35 | 39 | 40 | 42 | 38 | 40 | 39 | 35 | 40 | 51 | 52 | 52 | 49 | 50 | 44 | 45 | 43 | 39 | 40.1 | |
| TUCKERTON | MAX | 48 | 50 | 53 | 50 | 55 | 55 | 56 | 52 | 50 | 50 | 53 | 50 | 48 | 61 | 60 | 65 | 63 | 48 | 52 | 55 | 60 | 73 | 73 | 85 | 88 | 75 | 65 | 58 | 60 | 60 | 59.0 | |
| | MIN | 36 | 33 | 31 | 27 | 34 | 37 | 35 | 30 | 26 | 40 | 38 | 34 | 39 | 37 | 42 | 45 | 30 | 38 | 34 | 31 | 31 | 47 | 52 | 50 | 49 | 56 | 44 | 45 | 42 | 38 | 38.4 | |
| WOODSTOWN | MAX | 48 | | 54 | 54 | 56 | 56 | 56 | 53 | 55 | 49 | 53 | 54 | 48 | 61 | 65 | 69 | 61 | 53 | 55 | 60 | 64 | 73 | 72 | 82 | 86 | 71 | 64 | 63 | 59 | 60 | 60.5 | |
| | MIN | 35 | | 33 | 27 | 36 | 41 | 31 | 34 | 29 | 38 | 42 | 30 | 31 | 36 | 39 | 49 | 33 | 40 | 39 | 31 | 30 | 52 | 54 | 52 | 52 | 58 | 43 | 39 | 40 | 38 | 39.0 | |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 40 | 43 | 43 | 50 | 55 | 52 | 52 | 55 | 58 | 46 | 47 | 52 | 42 | 57 | 59 | 49 | 57 | 48 | 48 | 67 | 62 | 66 | 72 | 74 | 67 | 68 | 66 | 60 | 60 | 65 | 56.0 | |
| | MIN | 37 | 34 | 31 | 32 | 36 | 40 | 38 | 37 | 35 | 41 | 39 | 37 | 38 | 38 | 40 | 43 | 39 | 43 | 41 | 38 | 40 | 51 | 52 | 51 | 52 | 51 | 49 | 48 | 45 | 43 | 41.3 | |
| 2 INCHES | MAX | 40 | 42 | 42 | 49 | 54 | 51 | 51 | 53 | 57 | 45 | 46 | 51 | 42 | 56 | 56 | 48 | 56 | 47 | 47 | 64 | 61 | 65 | 70 | 72 | 66 | 68 | 65 | 60 | 57 | 63 | 54.8 | |
| | MIN | 38 | 35 | 32 | 32 | 37 | 40 | 38 | 37 | 35 | 41 | 40 | 37 | 38 | 38 | 41 | 43 | 40 | 43 | 41 | 38 | 40 | 49 | 52 | 51 | 52 | 51 | 49 | 48 | 45 | 43 | 41.5 | |
| 4 INCHES | MAX | 40 | 42 | 42 | 48 | 53 | 50 | 49 | 52 | 56 | 45 | 46 | 51 | 42 | 55 | 56 | 48 | 55 | 47 | 47 | 62 | 60 | 64 | 68 | 70 | 65 | 66 | 64 | 60 | 57 | 61 | 54.1 | |
| | MIN | 38 | 35 | 32 | 32 | 37 | 40 | 38 | 37 | 35 | 44 | 40 | 38 | 38 | 38 | 41 | 43 | 40 | 43 | 41 | 38 | 40 | 49 | 52 | 51 | 52 | 52 | 49 | 48 | 46 | 44 | 41.6 | |
| 8 INCHES | MAX | 40 | 40 | 39 | 43 | 44 | 44 | 44 | 44 | 45 | 43 | 43 | 44 | 44 | 45 | 46 | 45 | 46 | 45 | 45 | 47 | 48 | 51 | 53 | 54 | 55 | 55 | 54 | 53 | 51 | 51 | 46.7 | |
| | MIN | 40 | 39 | 37 | 37 | 41 | 42 | 42 | 42 | 41 | 43 | 42 | 43 | 41 | 41 | 43 | 44 | 44 | 45 | 44 | 43 | 45 | 47 | 50 | 49 | 52 | 54 | 53 | 52 | 50 | 49 | 44.5 | |
| 16 INCHES | MAX | 42 | 40 | 40 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 44 | 45 | 45 | 45 | 45 | 45 | 47 | 49 | 50 | 51 | 52 | 52 | 51 | 51 | 50 | 45.3 | |
| | MIN | 41 | 40 | 40 | 39 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 43 | 42 | 42 | 43 | 44 | 44 | 45 | 44 | 44 | 45 | 45 | 48 | 49 | 50 | 51 | 51 | 51 | 50 | 50 | 44.7 | |
| 32 INCHES | MAX | 42 | 41 | 41 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 44 | 44 | 44 | 44 | 44 | 45 | 46 | 47 | 47 | 48 | 49 | 49 | 49 | 49 | 44.3 | |
| | MIN | 41 | 41 | 41 | 40 | 42 | 42 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 43 | 44 | 44 | 44 | 44 | 44 | 45 | 46 | 47 | 47 | 48 | 49 | 49 | 49 | 44.0 | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 40 | 44 | 44 | 49 | 54 | 52 | 50 | 52 | 58 | 45 | 47 | 53 | 42 | 55 | 55 | 49 | 55 | 48 | 47 | 62 | 61 | 78 | 69 | 71 | 70 | 67 | 65 | 64 | 55 | 61 | 51.1 | |
| | MIN | 36 | 33 | 32 | 32 | 36 | 40 | 36 | 35 | 35 | 40 | 39 | 36 | 37 | 39 | 39 | 43 | 38 | 43 | 41 | 36 | 39 | 50 | 52 | 50 | 51 | 60 | 50 | 41 | 42 | 39 | 40.3 | |
| 2 INCHES | MAX | 40 | 44 | 43 | 49 | 53 | 51 | 50 | 51 | 57 | 45 | 47 | 53 | 42 | 55 | 55 | 49 | 55 | 48 | 47 | 61 | 61 | 77 | 68 | 70 | 67 | 67 | 65 | 63 | 55 | 60 | 55.0 | |
| | MIN | 36 | 33 | 32 | 32 | 36 | 41 | 36 | 35 | 35 | 40 | 39 | 36 | 37 | 39 | 39 | 43 | 39 | 43 | 41 | 36 | 39 | 50 | 52 | 51 | 51 | 52 | 50 | 41 | 43 | 39 | 40.5 | |
| 4 INCHES | MAX | 40 | 42 | 41 | 47 | 51 | 48 | 49 | 53 | 44 | 46 | 50 | 42 | 52 | 52 | 47 | 52 | 47 | 46 | 58 | 58 | 63 | 65 | 66 | 66 | 67 | 62 | 60 | 54 | 58 | 52.5 | | |
| | MIN | 37 | 34 | 33 | 33 | 37 | 41 | 38 | 37 | 36 | 41 | 40 | 37 | 39 | 39 | 40 | 44 | 40 | 44 | 42 | 38 | 41 | 50 | 53 | 52 | 52 | 52 | 49 | 43 | 45 | 42 | 41.7 | |
| 8 INCHES | MAX | 40 | 41 | 40 | 42 | 46 | 45 | 45 | 45 | 47 | 44 | 44 | 46 | 42 | 47 | 48 | 46 | 48 | 46 | 46 | 51 | 52 | 57 | 59 | 59 | 61 | 61 | 67 | 54 | 52 | 52 | 49.1 | |
| | MIN | 39 | 37 | 36 | 36 | 40 | 43 | 41 | 40 | 39 | 43 | 42 | 40 | 41 | 40 | 43 | 45 | 43 | 45 | 44 | 41 | 45 | 49 | 53 | 53 | 53 | 55 | 52 | 51 | 49 | 45 | 44.1 | |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Electronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with Copper-constantan thermocouples.

SNOWFALL AND SNOW ON GROUND

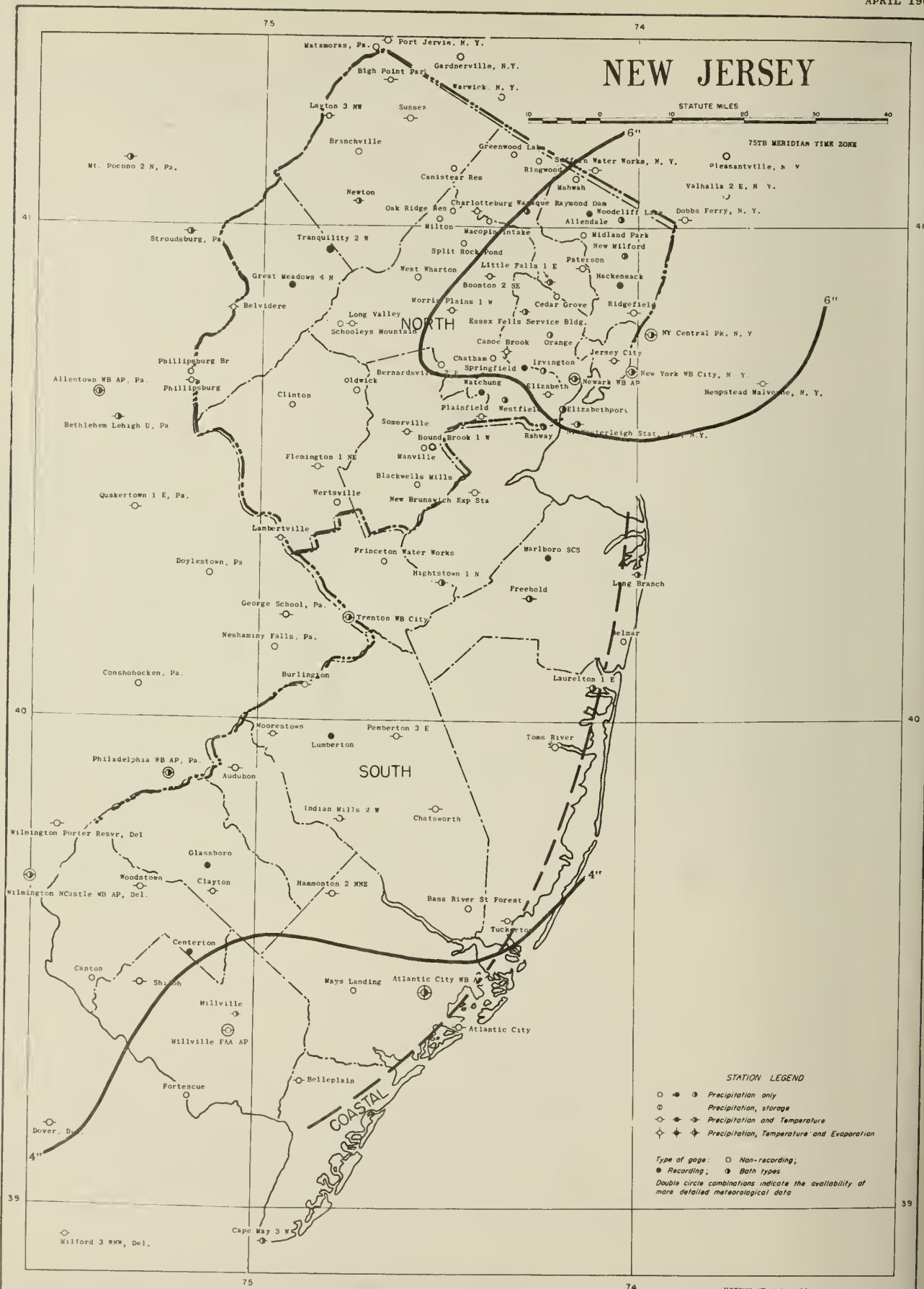
NEW JERSEY
APRIL 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|------------------------------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|----------|--------|--------|----------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| BELVIDERE | SNOWFALL SN ON GND | .3 | .2 | | | | T | | | | 1.5 T | | | .5 T | | | | | | | | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | | | | | | | | | | 2.0 2 | | | 3.0 3 | 2 | | | | | | | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | 1.0 | 1.0 | T | | | | | | | | | | 2.0 1 | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | T | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | SNOWFALL SN ON GND | 2.5 | | | | | | | T | | 4.0 | | | 3.0 2 | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS 1 E | SNOWFALL SN ON GND | .2 T | T T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG BRANCH | SNOWFALL SN ON GND | | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | | | | | | 2.0 | | | | | | | | | | | | | | | | | | |
| MAYS LANDING | SNOWFALL SN ON GND | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - | - - |
| MOORESTOWN | SNOWFALL SN ON GND | | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | 1.0 1 | | T | | | | | | | 1.5 2 | | | 2.0 2 | | | | | | | | | | | | | | | | | | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | T | T | | | | T | | | | | | | T | | | | | | | | | | | | | | | | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | T | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL SN ON GND | T T | | T | | | | | | | 1.0 1 | | | 2.5 2 | 2.5 3 | | | | | | | | | | | | | | | | | |
| PATERSON | SNOWFALL SN ON GND | | | T | | | | | | | | | | .1 T | T T | | | | | | | | | | | | | | | | | |
| PHILLIPSBURG | SNOWFALL SN ON GND | T | T | | | | | | | | T | | | T | | | | | | | | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | | T | | | | | | | | | | | .5 T | T | | | | | | | | | | | | | | | | | |
| RAHWAY | SNOWFALL SN ON GND | | T | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | | T | | | | | | | | | | | T | | | | | | | | | | | | | | | | | | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | T T | | | | | | | | | | | | .5 1 | | | | | | | | | | | | | | | | | | |

See reference notes following Station Index.

TOTAL PRECIPITATION

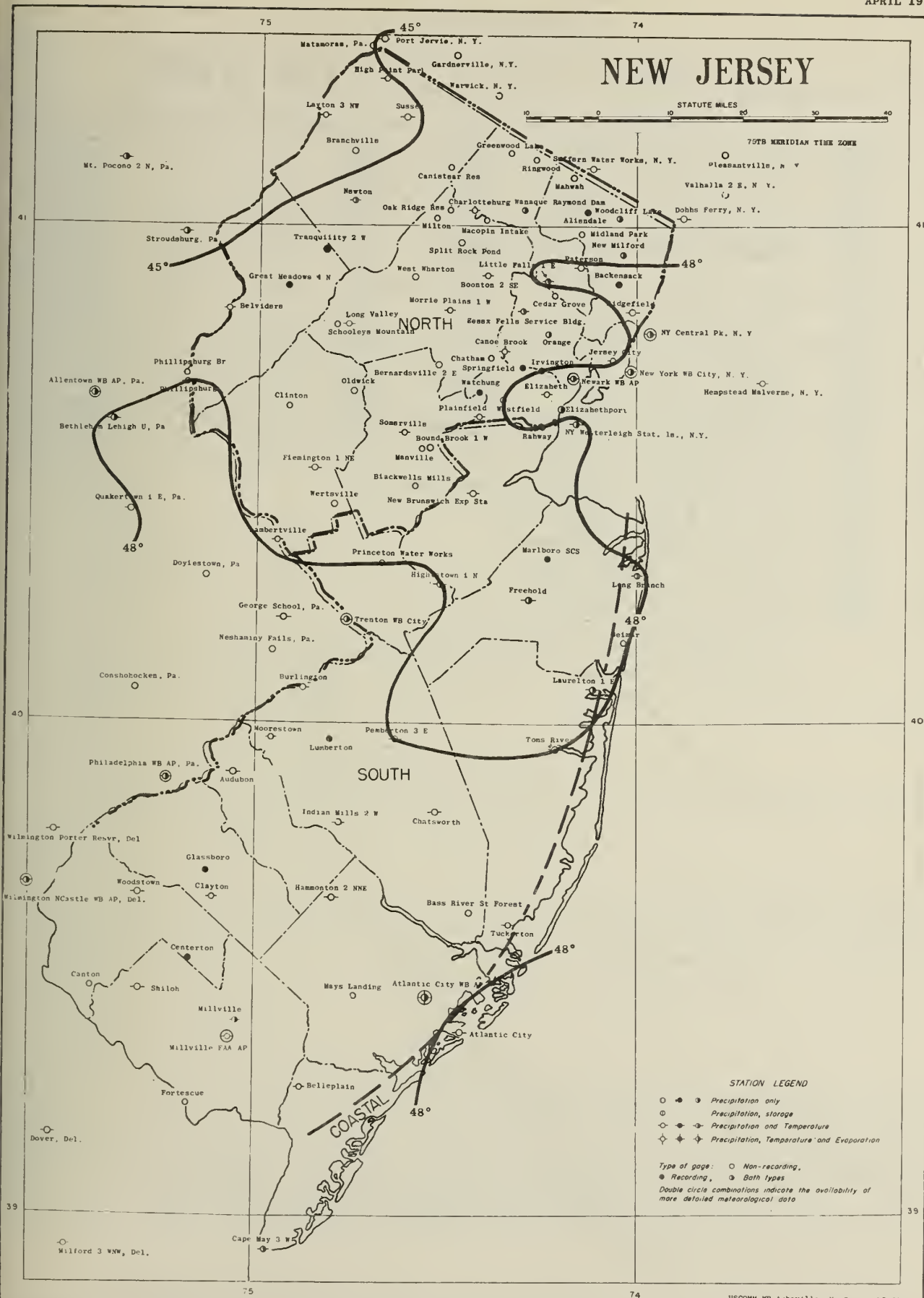
NEW JERSEY
APRIL 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
APRIL 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
APRIL 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | | | | | | |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------|----------|------------------------------|-----------------------|--------|------------|----------|-----------|-----------|-----------------------------|---------|-------|------------------------|----------------------|--------------------------|-------------------------|------------------------|------------------------|------------------------|--------------------|----------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | | | | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | | C BERGEN COUNTY ENGINEERS | HILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | M10 | N | FED. AVIATION AGENCY | | | | | | | | |
| ATLANTIC CITY WR AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | M10 | M10 | 7P | C | HJ | U.S. WEATHER BUREAU | HILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | N | JERSEY CITY WATER WKS. | | | | | | | | |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | | | | | J | STATE MARINA | MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | M10 | 8A | N | M. J. WILLARD | | | | | | | |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | | IRVIN J. NYGREN | MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | N | JAMES C. LONG | | | | | | | |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | | | | M | N.J. FORESTRY SERVICE | NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | M10 | C | NJ | U.S. WEATHER BUREAU | | | | | | | |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | SP | SP | | | | BELLEPLAIN STATE FOREST | NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | SP | 5P | GN | ARTHUR M. ANLOUST | | | | | | | |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | | | | | | BELMAR WATER WORKS | NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | M10 | | C | HACKENSACK WATER CO. | | | | | | | |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | SP | SP | | | | CLEMENT HAUT | NEW MONMOUTH | 6154 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL | | | | | | |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | | BERNARDS WATER COMPANY | HEATON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | C | H | NEWTON WTR. & SWR. COMM. | | | | | | |
| BLACKWELLS HILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | HENRY M. MILLER | OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | | 8A | | | NEWARK WATER DEPT. | | | | | | |
| BODONT 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | | JERSEY CITY WATER WORKS | OLMICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | DAN A. COUGHLIN | | | | | | |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | | | | | | AMERICAN CYANAMID CO. | ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | M10 | | C | | COUNTY ENGINEER | | | | | | |
| BRANCKVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | | ALBERT A. DAVENPORT | PATERSON | 6775 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | | P. J. DEL VECCHIO | | | | | | |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | | | | | PUBLIC SVC. CO. & G. CO. | PENBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 60 | SP | SP | | | H | PHILIP E. MARUCCI | | | | | |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT | PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | SP | SP | | | | | SEWAGE DISPOSAL PLANT | | | | |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | | JOINT TOLL BRIDGE COMM. | | | | | |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | | | | | | GERTRUDE S. WILLIS | PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 6P | 8P | | | | | MRS VIVIAN SCHERER | | | | |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | SP | | | | | N.WEST MAGNETITE CO. | PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 20 | 74 40 | 60 | M10 | | | | | | PRINCETON WATER CO. | | | | |
| CEAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | | J. A. PLUMETT | RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | M10 | | C | H | | | RAHWAY VLY. SMC. AUTH. | | | | |
| CERTINTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | JOHN DOPKINS UNL. | RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | M10 | | | | | | | GEORGE P. KIRSTEN | | | |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | | NEWARK WATER DEPT. | RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | | | | NO. JERSEY WTR. SUPPLY | | | |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. MOLITOR | SHILON | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | SP | SP | | | | | | EVERETT DICKINSON | | | |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | SP | SP | | | | EARL M. KERCHNER | SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | | | | W. E. NAVY | | | |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | | | | | NARRY P. CAMPBELL | SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | | 10A | | | | | | JERSEY CITY D. P. W. | | | |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | | L. W. KLOCKNER | SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | C | H | | | H. J. DEPT-OF CONS. | | | |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | SP | SP | | | | UNION CO. PARK COMM. | SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | | | | BRICE B. STANTON | | |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | N10 | | | | | SEWAGE TREATMENT PLANT | TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | | | | | TOMS RIVER WATER CO. | | |
| ESSER FIELDS SERV BLOC | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | | BOROUGH ESSER FIELDS | TRANQUILITY 2 W | 8858 | MERCER | 2 | 40 57 | 74 50 | 551 | | | | C | H | J | U.S. WEATHER BUREAU | | | | |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | SP | SP | | | | M. DONALD YOUNG | TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | M10 | M10 | | C | NJ | U.S. WEATHER BUREAU | | | | | |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOPER | TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | | | | | REV. WALTER T. GANDEK | | |
| FREEDHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | | | | | FRANK J. MOREAU | WAKOUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | C | H | | | | | WATER SUPPLY COMM. | | |
| GASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | | | GLASSBORO STATE COLLEGE | WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | C | | | | | BOHRIE BURN SANITARIUM | | |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | | GAMMA CHEMICAL CORP. | WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | | | | | ROBERT H. MANNERS | | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | | C. GEORGE T. WIGGINS | WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | M10 | | C | | | | | | CITY ENGINEER | | |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | | BERGEN COUNTY ENGINEERS | WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | | | | | N.J. POWER & LIGHT CO. | | |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST | WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | M10 | | | | | | | | HACKENSACK WATER CO. | | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | | M. J. DEPT-OF CONS. | WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | SP | SP | | | | | | | | CREAM VALLEY DAIRY | |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | | | | | JAMES R. PICKERING | | | | | | | | | | | | | | | | | | |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | | | | | H. EDWARD ENTWISTLE | PUBLICATION ENDED | | | | | | | | | | | | | | | | | |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | M10 | | | | | JOINT MEETING GARAGE | | | | | | | | | | | | | | | | | | |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | M10 | | | | | JERSEY CITY WATER DEPT. | SCHOOLEYS MOUNTAIN | 7898 | NORRIS | 10 | 40 48 | 74 48 | 1000 | | | | | | | | | | | EFFECTIVE 4/61 |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | E. E. CASE | | | | | | | | | | | | | | | | | | |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | M10 | M10 | | | | C. GEORGE G. WADGILL | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | | | | | A. H. DEPUY | | | | | | | | | | | | | | | | | | |
| LITTLE FALLS | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | | | N. PASSAIC VLY. WTR. COMM. | | | | | | | | | | | | | | | | | | |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 74 00 | 20 | M10 | M10 | | | | C. HJ WILLIAM D. MARTIN, JR. | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | | H. ARTHUR BARKMAN | | | | | | | | | | | | | | | | | | |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | | JAMES LANTON | | | | | | | | | | | | | | | | | | |
| MACPIM INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | | NEWARK WATER DEPT. | | | | | | | | | | | | | | | | | | |
| MAHAM | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW | | | | | | | | | | | | | | | | | | |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | N10 | | | | | JOHN L. RADCLIFFE | | | | | | | | | | | | | | | | | | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | | GEORGE BRILL | | | | | | | | | | | | | | | | | | |
| MAYS LANDING | 5346 | ATLANTIC | 8 | 39 27 | 74 44 | 10 | | | | | | COUNTY EXTENSION SVC. | | | | | | | | | | | | | | | | | | |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | N10 | | | | | RIDGEWOOD WATER CO. | | | | | | | | | | | | | | | | | | |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | N10 | | | | C. N. L. J. GALLANER | | | | | | | | | | | | | | | | | | |

2-1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. ---6/7/61 --- 850

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U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

MAY 1961
Volume 66 No. 5



RECEIVED
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NEW JERSEY - MAY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 89° on the 15th at New Monmouth

Lowest Temperature: 24° on the 1st at Layton 3 NW

Greatest Total Precipitation: 5.44 inches at Sussex

Least Total Precipitation: 2.04 inches at New Milford

Greatest One-Day Precipitation: 1.68 inches on the 26th at Millville
FAA Airport

SPECIAL WEATHER SUMMARY

On May 26th a funnel cloud, not touching the ground, was reported as having been observed at 12:20 p.m., EDT, in the vicinity of Medford, Burlington County, about 15 miles east of Camden. A subsequent investigation showed no evidence that the funnel cloud had touched the ground.

Donald V. Dunlap
Weather Bureau State Climatologist
Weather Bureau Office, % General Delivery
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
MAY 1961

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|--|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|-----------------|-------|--------------------------------------|--------------|------|-------------|-------------------------|------|-------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Deviation From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Deviation From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max. Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 60° or Above | 32° or Below | 32° or Above | 60° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 70.7 | 45.8 | 58.3 | - 4.0 | 84 | 14 | 32 | 1 | 224 | 0 | 0 | 1 | 0 | 3.45 | -.78 | .74 | 16 | .0 | 0 | | 9 | 2 | 0 |
| BOONTON 2 SE | | 66.9 | 46.9 | 56.9 | - 2.4 | 82 | 15 | 32 | 1 | 254 | 0 | 0 | 1 | 0 | 3.00 | - 1.35 | .93 | 27 | .0 | 0 | | 9 | 1 | 0 |
| CANOE BROOK | | 67.9 | 45.1 | 56.5 | - 2.4 | 84 | 15 | 29 | 1 | 276 | 0 | 0 | 3 | 0 | 2.84 | - 1.69 | .74 | 27 | .0 | 0 | | 8 | 1 | 0 |
| CHARLOTTEBURG | | 66.2 | 43.9 | 55.1 | - 3.8 | 82 | 15 | 28 | 1 | 309 | 0 | 0 | 2 | 0 | 4.43 | .02 | 1.22 | 27 | .0 | 0 | | 10 | 3 | 1 |
| ELIZABETH | | 70.1 | 48.5 | 59.3 | - 3.0 | 83 | 25 | 35 | 1 | 191 | 0 | 0 | 0 | 0 | 3.16 | - 1.18 | .69 | 26 | .0 | 0 | | 8 | 2 | 0 |
| FLEMINGTON 1 NE | | 71.2 | 45.6 | 58.4 | - 3.7 | 84 | 9 | 30 | 4 | 224 | 0 | 0 | 4 | 0 | 3.14 | - 1.20 | .50 | 10 | .0 | 0 | | 9 | 1 | 0 |
| HIGH POINT PARK | | 64.3 | 41.7 | 53.0 | | 82 | 15 | 26 | 1 | 373 | 0 | 0 | 1 | 0 | 4.76 | | 1.25 | 27 | .0 | 0 | | 9 | 2 | 2 |
| JERSEY CITY | | 64.5 | 49.3 | 56.9 | - 4.5 | 80 | 25 | 39 | 28 | 247 | 0 | 0 | 0 | 0 | 3.03 | -.92 | .82 | 26 | .0 | 0 | | 9 | 2 | 0 |
| LAMBERTVILLE | | 71.0 | 47.2 | 59.1 | - 2.5 | 85 | 9 | 32 | 4 | 207 | 0 | 0 | 1 | 0 | 3.19 | - 1.18 | .42 | 27+ | .0 | 0 | | 9 | 0 | 0 |
| LAYTON 3 NW | | 69.1 | 41.8 | 55.5 | - 2.9 | 85 | 15 | 24 | 1 | 309 | 0 | 0 | 7 | 0 | 3.67 | - .44 | .59 | 27 | .0 | 0 | | 8 | 5 | 0 |
| LITTLE FALLS | | 69.1 | 46.8 | 58.0 | - 3.3 | 83 | 26+ | 34 | 1 | 231 | 0 | 0 | 0 | 0 | 2.95 | - 1.63 | .75 | 27 | .0 | 0 | | 8 | 1 | 0 |
| LONG VALLEY | | 69.0M | 46.1M | 57.6M | | 81 | 25 | 28 | 6 | 241 | 0 | 0 | 4 | 0 | 3.66 | -.64 | .81 | 16 | .0 | 0 | | 9 | 2 | 0 |
| MORRIS PLAINS | | 67.6 | 45.4 | 56.5 | | 82 | 15 | 31 | 1 | 267 | 0 | 0 | 1 | 0 | 3.51 | | .90 | 27 | .0 | 0 | | 10 | 1 | 0 |
| NEWARK WB AIRPORT | | 69.1 | 50.3 | 59.7 | - 1.4 | 86 | 25 | 42 | 28+ | 169 | 0 | 0 | 0 | 0 | 3.35 | -.38 | .88 | 26 | .0 | 0 | | 11 | 1 | 0 |
| NEWTON | | 67.5 | 44.1 | 55.8 | - 3.6 | 85 | 15 | 30 | 5+ | 297 | 0 | 0 | 3 | 0 | 3.99 | -.25 | .94 | 10 | .0 | 0 | | 9 | 3 | 0 |
| PATERSON | | 69.0 | 49.2 | 59.1 | - 3.0 | 85 | 26 | 38 | 2+ | 195 | 0 | 0 | 0 | 0 | 3.64 | -.84 | .90 | 27 | .0 | 0 | | 10 | 1 | 0 |
| PHILLIPSBURG | | 72.2 | 47.6 | 59.9 | - 1.5 | 83 | 14+ | 33 | 3 | 184 | 0 | 0 | 0 | 0 | 3.75 | -.55 | 1.50 | 16 | .0 | 0 | | 10 | 1 | 1 |
| PLAINFIELD | | 69.7 | 47.9 | 58.8 | - 2.5 | 84 | 14 | 34 | 4 | 209 | 0 | 0 | 0 | 0 | 3.04 | - 1.34 | .60 | 27 | .0 | 0 | | 10 | 1 | 0 |
| SOMERVILLE | | 70.0 | 46.7 | 58.4 | - 2.8 | 82 | 25+ | 31 | 4+ | 223 | 0 | 0 | 2 | 0 | 3.50 | -.62 | .51 | 26 | .0 | 0 | | 9 | 2 | 0 |
| SUSSEX | | 67.3 | 43.5 | 55.4 | - 5.0 | 85 | 15 | 28 | 6 | 306 | 0 | 0 | 5 | 0 | 5.44 | 1.48 | 1.08 | 27 | .0 | 0 | | 10 | 4 | 1 |
| DIVISION | | | | 57.4 | - 3.3 | | | | | | | | | | 3.58 | -.71 | | | .0 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 68.9 | 49.4 | 59.2 | - 1.0 | 83 | 8 | 37 | 4 | 198 | 0 | 0 | 0 | 0 | 3.17 | .19 | .94 | 26 | .0 | 0 | | 9 | 2 | 0 |
| AUDUBON | | 70.9 | 49.4 | 60.2 | | 87 | 9 | 36 | 4 | 177 | 0 | 0 | 0 | 0 | 3.58 | | .95 | 26 | .0 | 0 | | 10 | 2 | 0 |
| BELLEPLAIN STA FOREST | | 72.6 | 47.5 | 60.1 | | 87 | 9 | 28 | 4 | 180 | 0 | 0 | 2 | 0 | 3.23 | -.84 | .92 | 27 | .0 | 0 | | 9 | 1 | 0 |
| BURLINGTON | | 72.9 | 50.3 | 61.6 | - 2.7 | 88 | 9 | 42 | 27+ | 150 | 0 | 0 | 0 | 0 | 3.62 | -.46 | .98 | 16 | .0 | 0 | | 10 | 2 | 0 |
| CHATSWORTH | | 71.1 | 47.2 | 59.2 | | 84 | 25+ | 30 | 4 | 204 | 0 | 0 | 1 | 0 | 4.05 | | 1.05 | 27 | .0 | 0 | | 9 | 3 | 1 |
| CLAYTON | | 69.5 | 48.6M | 59.1M | | 83 | 9 | 35 | 3 | 204 | 0 | 0 | 0 | 0 | 2.64 | | 1.17 | 27 | .0 | 0 | | 8 | 1 | 1 |
| FREEHOLD | | 70.0 | 47.4 | 58.7 | - 3.0 | 83 | 14 | 36 | 4+ | 214 | 0 | 0 | 0 | 0 | 3.46 | -.67 | .80 | 27 | .0 | 0 | | 8 | 3 | 0 |
| HIGHTSTOWN 1 N | | 71.4 | 47.5 | 59.5 | - 1.9 | 88 | 15 | 34 | 4 | 204 | 0 | 0 | 0 | 0 | 3.51 | -.33 | .86 | 26 | .0 | 0 | | 11 | 1 | 0 |
| INDIAN HILLS 2 W | | 70.2 | 45.9 | 58.1 | - 4.0 | 86 | 9 | 30 | 4 | 237 | 0 | 0 | 2 | 0 | 3.07 | - 1.03 | .80 | 26 | .0 | 0 | | 8 | 2 | 0 |
| MILLVILLE | | 69.7 | 50.2 | 60.0 | | 84 | 10 | 37 | 4 | 175 | 0 | 0 | 0 | 0 | 2.76 | | 1.08 | 26 | .0 | 0 | | 8 | 2 | 1 |
| MILLVILLE FAA AIRPORT | | 69.6 | 48.8 | 59.2 | | 85 | 9 | 34 | 4 | 198 | 0 | 0 | 0 | 0 | 3.31 | | 1.68 | 26 | .0 | 0 | | 8 | 2 | 1 |
| MOORESTOWN | | 68.9 | 48.6 | 58.8 | - 2.9 | 85 | 9 | 35 | 4 | 214 | 0 | 0 | 0 | 0 | 3.56 | -.77 | 1.24 | 27 | .0 | 0 | | 7 | 3 | 1 |
| NEW BRUNSWICK EXP STA | | 69.2 | 47.8 | 58.5 | - 3.2 | 81 | 25+ | 37 | 1 | 216 | 0 | 0 | 0 | 0 | 3.46 | -.53 | .59 | 12 | .0 | 0 | | 10 | 2 | 0 |
| NEW MONMOUTH | | 69.5 | 47.0 | 58.3 | | 89 | 15 | 34 | 1 | 222 | 0 | 0 | 0 | 0 | 4.84 | | 1.24 | 16 | .0 | 0 | | 9 | 3 | 2 |
| PEMBERTON 3 E | | 71.5 | 46.7 | 59.1 | - 3.9 | 86 | 9 | 30 | 4 | 209 | 0 | 0 | 1 | 0 | 3.21 | -.77 | .74 | 26 | .0 | 0 | | 9 | 2 | 0 |
| SHILOH | | 70.6 | 49.6 | 60.1 | - 3.2 | 84 | 9 | 39 | 4 | 178 | 0 | 0 | 0 | 0 | 2.85 | - 1.35 | .79 | 26 | .0 | 0 | | 7 | 2 | 0 |
| TOMS RIVER | | 70.0 | 46.9 | 58.5 | | 87 | 9 | 29 | 4 | 229 | 0 | 0 | 3 | 0 | 4.81 | | 1.25 | 27 | .0 | 0 | | 9 | 4 | 1 |
| TRENTON WB CITY | | 68.7 | 49.4 | 59.1 | - 2.7 | 85 | 9 | 41 | 27+ | 201 | 0 | 0 | 0 | 0 | 3.56 | .08 | .80 | 26 | .0 | 0 | | 12 | 2 | 0 |
| TUCKERTON | | 68.9 | 47.4 | 58.2 | | 85 | 9 | 32 | 4 | 216 | 0 | 0 | 1 | 0 | 5.38 | | 1.15 | 12 | .0 | 0 | | 9 | 4 | 1 |
| WOODSTOWN | | 71.4 | 48.1 | 59.8 | | 86 | 9 | 32 | 4 | 190 | 0 | 0 | 1 | 0 | 2.77 | | .80 | 26 | .0 | 0 | | 8 | 1 | 0 |
| DIVISION | | | | 59.3 | - 2.8 | | | | | | | | | | 3.54 | -.45 | | | .0 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | 61.5 | 49.3 | 55.4 | - 3.7 | 72 | 31+ | 39 | 4 | 290 | 0 | 0 | 0 | 0 | 3.05 | .07 | 1.14 | 26 | .0 | 0 | | 9 | 2 | 1 |
| CAPE MAY 3 W | | 66.4M | 51.5M | 59.0M | | 78 | 25 | 40 | 30 | 185 | 0 | 0 | 0 | 0 | 4.15 | | 1.45 | 27 | .0 | 0 | | 6 | 2 | 1 |
| LONG BRANCH | | 65.5 | 49.0 | 57.3 | - 2.5 | 84 | 25 | 38 | 1 | 237 | 0 | 0 | 0 | 0 | 4.64 | 1.00 | .94 | 26 | .0 | 0 | | 8 | 4 | 0 |
| DIVISION | | | | 57.2 | - 2.7 | | | | | | | | | | 3.95 | .58 | | | .0 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m p h | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|--------------------------|----------------|---------------------------------------|---------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|----|---------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| ATLANTIC CITY WB AIRPORT | S | 16 | 12.1 | 29 | WNW | 27 | 79 | 77 | 53 | 65 | 6 | 4 | 7 | 2 | 0 | 0 | 19 | 51 | 6.9 | |
| LONG BRANCH | NW | 12 | 11.1 | 35 | S | 26 | - | 75 | 59% | 63 | 5 | 7 | 5 | 4 | 0 | 0 | 21 | 50 | 6.5 | |
| NEWARK WB AIRPORT | NW | 11 | 9.9 | 27++ | WNW | 31+ | 70 | 69 | 50 | 58 | 9 | 3 | 10 | 1 | 0 | 0 | 23 | - | 7.0 | |
| TRENTON WB CITY | NW | - | 9.7 | 33 | NW | 26 | - | - | - | - | 3 | 3 | 10 | 2 | 0 | 0 | 18 | 50 | 6.8 | |
| @ 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

* 12:00 Noon

DAILY PRECIPITATION

NEW JERSEY
MAY 1961

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|--------------|-----|-----|---|-----|-----|-----|-----|-----|------|-----|-----|------|-----|----|------|------|-----|-----|-----|-----|-----|-----|-----|----|------|------|-----|------|-----|-----|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | 3.17 | .19 | .12 | | | | .05 | .20 | .02 | | .01 | .75 | .35 | .12 | .01 | | .23 | | T | T | | | T | T | T | | | .94 | .18 | | | | |
| ATLANTIC CITY | 3.05 | .19 | .13 | | | | .07 | .22 | .01 | | .04 | .59 | .14 | .13 | .01 | | .22 | | | | | | T | T | T | | | 1.44 | .16 | | | | |
| AUOBON | 3.58 | .13 | .18 | | | | .10 | .34 | | | .06 | .32 | .09 | | | | .85 | | | | | T | T | T | | | .95 | .36 | | | .10 | | |
| BASS RIVER ST FOREST | 3.93 | .44 | | | | | * | .40 | | | | .12 | * | 1.31 | | | .28 | .23 | | | | | | | | | .01 | * | | 1.14 | | | |
| BELLEPLAIN STA FOREST | 3.23 | .02 | .33 | | | | T | .18 | .14 | | | .40 | .30 | .16 | | | .19 | T | | | | | .08 | | | | .48 | .92 | | .03 | | | |
| BELMAR | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1.04 | | | | | | | | | | | 1.50 | .11 | | | | |
| BELVIOERE | 3.45 | T | .30 | | | | T | .32 | .07 | .36 | .62 | T | .19 | T | | | .74 | | | .06 | T | T | .02 | T | T | | .39 | .12 | .02 | | .24 | | |
| BERNARDSVILLE 2 E | 3.05 | | .27 | .03 | | | | .34 | .11 | .12 | .40 | | .26 | .10 | | | .14 | .03 | | .08 | | .01 | | | | | .88 | .16 | | | .12 | | |
| BLACKWELLS MILLS | 3.41 | | .34 | .03 | | | | .24 | .14 | .13 | .53 | .05 | .43 | .10 | | | .27 | | | .05 | | .04 | | | .03 | | .96 | .05 | | | T | | |
| BLOOMINGTON 2 SE | 3.00 | | .25 | | | T | | .46 | .04 | .08 | .23 | T | .19 | .10 | | | .25 | .05 | | T | | | | | | | .93 | .30 | | | .12 | | |
| BOUNO BROOK 1 W | 3.21 | | .28 | | | | | .50 | .18 | .11 | .64 | | .37 | .07 | T | | .17 | .02 | | .02 | | | .01 | | | | .80 | T | | | .04 | | |
| BRANCHVILLE | 4.60 | | .29 | .02 | | | | .46 | .45 | .34 | .49 | | .35 | .10 | | | .63 | | | .05 | .01 | .03 | .06 | T | | | 1.18 | T | .09 | .05 | | | |
| BURLINGTON | 3.62 | T | .32 | | | | .01 | .20 | .11 | T | .10 | .23 | .36 | .01 | | T | .98 | | | T | T | T | .20 | | | | .57 | .40 | .05 | .08 | | | |
| CANISTEAR RESERVOIR | 3.91 | | .23 | T | | | | .44 | .05 | .20 | .64 | T | .26 | .09 | | | .88 | | | .02 | | | .12 | T | | | .58 | .25 | | .15 | | | |
| CANOE BROOK | 2.84 | | .24 | T | | | | .35 | .09 | .24 | .38 | | .32 | .07 | | | .16 | .01 | | .03 | | | | | | | .74 | .15 | | .06 | | | |
| CANTON | 3.01 | | .51 | | | | | .13 | .10 | | .02 | .48 | .29 | | | | .08 | .13 | | | | | .05 | | | | 1.20 | | | .02 | | | |
| CAPE MAY 3 W | 4.15 | .02 | .33 | | | | .01 | .05 | .26 | | .40 | .38 | .08 | .02 | .01 | | .09 | .97 | | | | .03 | | | | | 1.45 | | | .05 | | | |
| CEGAR GROVE | 3.22 | | .35 | .03 | | | | .54 | .16 | .10 | .35 | | .30 | .07 | | | .12 | | | .05 | | | | | | | | | | | | | |
| CHARLOTTEBURG | 4.43 | | .24 | .03 | | | | .42 | .05 | .08 | .50 | | .30 | .12 | T | | .75 | .01 | | .10 | | | | | | | 1.22 | .43 | .01 | .17 | | | |
| CHATHAM | 2.55 | | .24 | T | | | | .36 | .08 | .06 | .35 | | .30 | .10 | | | .12 | T | | .05 | | T | | T | | | .70 | .12 | | .07 | | | |
| CHATSORTH | 4.05 | | .53 | | | | | .30 | .17 | T | .21 | .48 | .46 | | | | .25 | T | | T | | | | | | | .57 | 1.05 | T | | .03 | | |
| CLAYTON | 2.64 | | .27 | | | | .07 | .17 | .14 | .04 | .09 | .31 | .10 | .14 | | | .15 | | .04 | | | .07 | | | | | .15 | 1.17 | | | | | |
| CLINTON | 2.95 | T | .27 | | | | | .28 | .14 | .17 | .42 | | .28 | T | | | .60 | | | .10 | | .05 | | | | | .20 | .38 | .01 | .02 | .03 | | |
| ELIZABETH | 3.16 | .08 | .25 | | | | .01 | .33 | .15 | .20 | .25 | .01 | .65 | .03 | .01 | | .03 | | | .02 | | .01 | | | | | .69 | .52 | .09 | | .03 | | |
| ELIZABETHPORT | 3.34 | .09 | .19 | | T | | | .28 | .12 | .19 | .24 | | .14 | .30 | .03 | | .36 | | | .04 | T | | | | | | 1.00 | .32 | .02 | .02 | | | |
| FLEMINGTON 1 NE | 3.14 | T | .39 | | T | T | | .26 | .26 | .17 | .50 | T | .49 | .02 | .01 | | .29 | | .04 | | | .02 | .17 | .01 | T | T | .06 | .39 | .01 | | .05 | | |
| FORTESCUE | 4.03 | | .32 | | | | | .15 | | | .14 | .82 | | | | | .24 | 1.16 | | | | .20 | | | | | 1.00 | | | | | | |
| FREENHOLD | 3.46 | .04 | .21 | | | T | | .20 | .10 | .53 | | .05 | .35 | .08 | | | .19 | | | .04 | .05 | | | | | | .75 | .80 | .04 | .03 | | | |
| GREENWOOD LAKE | 4.79 | | .24 | .05 | | | | .52 | .05 | .26 | .67 | | .26 | | .02 | | .67 | .13 | | .04 | | .07 | .02 | | | | .80 | .84 | .15 | | | | |
| HIGH POINT PARK | 4.76 | | .35 | .02 | | | | .44 | .05 | .32 | 1.09 | .01 | .21 | .17 | | | .39 | | | .01 | T | | .09 | .02 | | | 1.25 | .26 | | .08 | | | |
| HIGHTSTOWN 1 N | 3.51 | .01 | .33 | | T | | | .30 | .12 | .39 | .01 | .10 | .40 | .04 | | | .22 | | | .01 | | .14 | .10 | T | | | .86 | .41 | T | .07 | | | |
| INDIAN MILLS 2 W | 3.07 | T | .40 | | | | .01 | .35 | T | | .20 | .33 | .10 | | | | .18 | | | T | | .01 | .02 | | | | .80 | .66 | | T | .01 | | |
| IRVINGTON | 2.61 | .15 | .08 | | | | .44 | .11 | .07 | | .20 | .15 | .24 | | | T | .25 | | | .03 | | | | | | | .65 | .23 | .01 | T | | | |
| JERSEY CITY | 3.03 | .09 | .23 | | | | .25 | .18 | .23 | .10 | | .10 | .43 | T | | | .05 | | | T | | | | | | | .82 | .55 | | | | | |
| LAMBERTVILLE | 3.19 | | .36 | | | | | .32 | .07 | .40 | .33 | T | .42 | | | | .21 | | | .03 | | .04 | .19 | | | | .35 | .42 | | | .05 | | |
| LAYTON 3 NW | 3.67 | | .32 | | | | T | .41 | .09 | .10 | .50 | | .53 | | | | .50 | | | T | | .02 | .02 | | | | .53 | .59 | | .06 | | | |
| LITTLE FALLS | 2.95 | | .37 | | | | | .45 | .07 | .08 | .39 | | .21 | .06 | | | .14 | .01 | | .03 | T | | .01 | .14 | | | .75 | .16 | | .09 | T | | |
| LONG BRANCH | 4.64 | .12 | .09 | | | .31 | | .07 | .83 | T | | .44 | .10 | .08 | .01 | | .53 | | | T | | .01 | T | .06 | | | .94 | .44 | .01 | T | | | |
| LONG VALLEY | 3.66 | | .22 | | | | | .34 | .23 | .33 | .25 | | .51 | | | | .81 | | .03 | | | | | | | | .35 | .43 | .08 | | | | |
| MAHWAH | 4.56 | | .29 | .01 | | | | .62 | .01 | .14 | .25 | | .19 | .01 | | | .27 | .55 | | .08 | | | .08 | .10 | .02 | | .90 | .86 | | .18 | | | |
| MANVILLE | 3.53 | .09 | .28 | | | | .30 | .15 | .40 | .40 | .26 | .07 | .26 | | | | .25 | | | .05 | | .04 | .03 | .01 | | | .65 | .23 | | .06 | | | |
| MAYS LANDING | 3.51 | | .31 | .04 | | | | .27 | .10 | | | .05 | .72 | .18 | T | | .18 | .33 | | .05 | | | | | | | 1.32 | .01 | | | | | |
| MILANO PARK | 3.14 | .14 | | | | | .55 | .20 | .07 | .30 | | .05 | .18 | | | | .22 | | | .04 | | .02 | .04 | | | | .63 | .54 | .05 | .11 | | | |
| MILLVILLE | 2.76 | .15 | .19 | | | | .06 | .16 | .02 | | | .55 | .18 | .04 | | | .20 | | | | | | | | | | 1.08 | .13 | T | | | | |
| MILLVILLE FAA AIRPORT | 3.31 | .05 | .10 | | | | .10 | .12 | T | | | .71 | .23 | .03 | T | | .17 | | .01 | T | | | | T | T | | 1.68 | .10 | | .01 | | | |
| MILTON | 4.36 | | .25 | | | | | .53 | .04 | .18 | .62 | | .28 | .18 | .14 | | .51 | .05 | | | | .02 | | | | | .45 | .87 | | | .24 | | |
| MOORESTOWN | 3.56 | | .30 | | | | | .25 | .25 | | .21 | T | .59 | | | | .64 | T | | .02 | | | | T | | | 1.24 | | | | | | |
| MORRIS PLAINS | 3.51 | | .26 | .01 | T | | | .44 | .13 | .05 | .33 | T | .29 | .10 | T | T | .34 | .22 | T | .05 | T | | | | | | .90 | .30 | T | | .09 | | |
| NEWARK WB AIRPORT | 3.35 | .19 | .11 | | | | .37 | .23 | .22 | .29 | T | .15 | .21 | .04 | T | | .30 | | | .03 | T | T | T | T | | | .88 | .32 | T | .01 | | | |
| NEW BRUNSWICK EXP STA | 3.46 | .02 | .35 | T | | | T | .27 | .15 | .31 | .25 | | .59 | .05 | | | .14 | | | .05 | | .21 | T | | | | .45 | .56 | .05 | .01 | | | |
| NEW MILFORD | 2.04 | .06 | .14 | | | | .24 | .16 | .02 | .09 | .05 | | .06 | | | | .08 | | | | | | | | | | .50 | .52 | .04 | .08 | | | |
| NEW MONMOUTH | 4.84 | T | .30 | | | | | .30 | .08 | .43 | T | .85 | .11 | .01 | | | 1.24 | .01 | | .01 | | .09 | | .02 | | | .26 | 1.02 | .10 | | .01 | | |
| NEWTON | 3.99 | | .30 | T | | | | .37 | .05 | .26 | .94 | | .27 | .03 | | | .64 | | | .04 | | .01 | .06 | T | | | .67 | .16 | | .19 | | | |
| OAK RIDGE RESERVOIR | 4.38 | | .29 | .06 | | | | .43 | .06 | .12 | .46 | | .32 | .16 | | | .68 | | | .08 | | | | | | | .70 | .42 | | .24 | | | |
| OLOWICK | 3.44 | | .28 | T | | | | .29 | .16 | .10 | .43 | T | .45 | .05 | T | | .37 | .23 | | .12 | | | .02 | | .03 | | | .90 | | | .92 | | |
| ORANGE | 2.50 | | .25 | | | | | .50 | .08 | .23 | | .42 | | | | | .10 | | | .03 | | .06 | | | | | * | * | | | .32 | .92 | |
| PATERSON | 3.64 | | .26 | .27 | | | | .45 | .04 | .11 | .45 | | .19 | T | | | .12 | | | .09 | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
MAY 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX MIN | 54 44 | 62 44 | 60 43 | 62 37 | 67 41 | 64 46 | 75 51 | 83 59 | 82 60 | 74 57 | 60 54 | 64 54 | 70 55 | 75 57 | 74 57 | 73 61 | 67 50 | 65 46 | 63 50 | 67 48 | 70 50 | 68 48 | 68 44 | 74 46 | 82 56 | 68 47 | 54 43 | 75 43 | 73 55 | 65 46 | 77 41 | 68.9 49.4 |
| ATLANTIC CITY | MAX MIN | 49 46 | 58 45 | 58 44 | 60 39 | 58 42 | 54 46 | 62 49 | 65 55 | 62 54 | 67 52 | 57 49 | 57 49 | 62 50 | 65 52 | 57 52 | 62 56 | 59 50 | 55 48 | 54 46 | 62 48 | 61 46 | 72 50 | 70 48 | 64 50 | 67 50 | 61 48 | 72 50 | 70 58 | 64 49 | 55 46 | 72 47 | 61.5 49.3 |
| AUOUBON | MAX MIN | 60 42 | 62 43 | 60 41 | 65 36 | 66 43 | 58 48 | 72 42 | 78 50 | 87 56 | 72 54 | 63 53 | 67 53 | 72 55 | 83 55 | 82 50 | 78 62 | 70 55 | 68 47 | 63 50 | 68 42 | 75 52 | 67 48 | 71 48 | 76 50 | 84 58 | 80 48 | 56 42 | 76 53 | 75 46 | 67 42 | 77 42 | 70.9 49.4 |
| BELLEPLAIN STA FOREST | MAX MIN | 61 36 | 63 48 | 65 33 | 65 28 | 72 32 | 68 42 | 77 48 | 84 56 | 87 60 | 83 53 | 71 55 | 67 53 | 69 55 | 80 55 | 80 50 | 77 62 | 72 50 | 67 46 | 63 49 | 69 46 | 72 50 | 73 46 | 76 42 | 82 54 | 81 61 | 63 41 | 76 43 | 72 55 | 68 46 | 74 52 | 72.6 47.5 | |
| BELVIOERE | MAX MIN | 58 32 | 62 43 | 60 34 | 63 33 | 68 34 | 68 33 | 67 46 | 74 55 | 80 56 | 80 56 | 68 52 | 65 50 | 75 57 | 84 55 | 79 55 | 79 61 | 75 46 | 71 45 | 62 45 | 69 49 | 71 40 | 65 51 | 67 38 | 75 44 | 80 49 | 78 54 | 55 39 | 74 39 | 73 51 | 70 37 | 77 37 | 70.7 45.8 |
| BOONTON 2 SE | MAX MIN | 57 32 | 56 38 | 58 39 | 57 43 | 63 45 | 65 38 | 65 42 | 64 48 | 72 54 | 78 53 | 68 53 | 63 50 | 59 54 | 73 53 | 82 58 | 78 61 | 74 47 | 72 45 | 65 46 | 59 48 | 66 42 | 70 51 | 61 45 | 67 48 | 74 49 | 79 52 | 75 45 | 50 39 | 72 50 | 70 45 | 63 37 | 66.9 46.9 |
| BURLINGTON | MAX MIN | 61 43 | 61 47 | 61 42 | 65 42 | 69 42 | 69 42 | 71 48 | 78 61 | 88 54 | 84 50 | 65 54 | 63 50 | 76 57 | 84 58 | 84 59 | 82 64 | 75 50 | 72 49 | 62 49 | 68 51 | 74 47 | 69 46 | 77 50 | 85 57 | 83 58 | 61 42 | 76 44 | 77 55 | 67 46 | 79 44 | 72.9 50.3 | |
| CANOE BROOK | MAX MIN | 57 29 | 57 39 | 59 39 | 57 33 | 63 32 | 66 32 | 65 47 | 65 51 | 72 53 | 79 54 | 67 53 | 62 51 | 62 53 | 74 57 | 84 56 | 80 61 | 74 46 | 72 43 | 65 44 | 59 47 | 67 39 | 73 50 | 62 42 | 67 39 | 74 46 | 82 58 | 79 41 | 53 39 | 75 52 | 71 37 | 63 36 | 67.9 45.1 |
| CAPE MAY 3 W | MAX MIN | 59 48 | 55 49 | 60 48 | 62 48 | 63 48 | 57 50 | 68 49 | 74 57 | 68 55 | 69 53 | 66 54 | 67 54 | 69 56 | 66 54 | 66 54 | 68 56 | 66 53 | 67 47 | 62 50 | 65 51 | 66 56 | 63 53 | 69 55 | 72 58 | 59 45 | 67 45 | 67 50 | 71 53 | 70 40 | 71 46 | 66.4 51.5 | |
| CHARLOTTEBURG | MAX MIN | 55 28 | 55 36 | 56 40 | 54 38 | 60 40 | 63 31 | 65 44 | 64 46 | 71 53 | 77 53 | 66 50 | 67 48 | 58 53 | 72 56 | 82 53 | 78 57 | 75 43 | 75 43 | 62 43 | 56 44 | 66 42 | 70 47 | 57 42 | 64 41 | 72 48 | 79 52 | 74 39 | 53 38 | 72 50 | 62 34 | 66.2 43.9 | |
| CHATSWORTH | MAX MIN | 57 36 | 61 46 | 60 39 | 63 30 | 67 35 | 67 37 | 73 48 | 79 59 | 84 53 | 84 54 | 66 54 | 73 51 | 80 54 | 74 57 | 80 57 | 73 62 | 73 48 | 68 43 | 60 47 | 68 48 | 71 41 | 67 47 | 71 41 | 74 45 | 84 54 | 80 57 | 61 42 | 75 41 | 73 54 | 67 42 | 76 37 | 71.1 47.2 |
| CLAYTON | MAX MIN | 65 38 | 64 46 | 61 35 | 63 41 | 66 39 | 60 41 | 67 50 | 75 53 | 83 59 | 72 58 | 62 50 | 67 53 | 70 56 | 77 56 | 78 57 | 71 64 | 67 45 | 67 46 | 68 51 | 70 47 | 67 40 | 66 46 | 72 53 | 81 58 | 78 64 | 65 41 | 72 40 | 70 52 | 64 40 | 74 42 | 69.5 48.6 | |
| ELIZABETH | MAX MIN | 60 35 | 61 45 | 64 39 | 65 37 | 70 40 | 67 43 | 65 47 | 71 56 | 77 58 | 71 53 | 65 50 | 61 52 | 70 56 | 82 56 | 80 60 | 74 60 | 74 47 | 60 50 | 59 47 | 68 50 | 74 45 | 67 51 | 69 43 | 75 47 | 83 52 | 79 48 | 59 42 | 74 41 | 72 54 | 76 43 | 70.1 48.5 | |
| FLEMINGTON 1 NE | MAX MIN | 59 31 | 60 45 | 59 31 | 64 30 | 68 39 | 65 31 | 70 43 | 77 56 | 84 53 | 82 56 | 67 53 | 61 51 | 72 56 | 82 60 | 80 53 | 77 62 | 77 45 | 73 46 | 64 44 | 69 48 | 73 39 | 63 48 | 76 40 | 83 45 | 78 50 | 59 39 | 75 41 | 75 52 | 68 37 | 78 35 | 71.2 45.6 | |
| FREEHOLD | MAX MIN | 58 40 | 60 45 | 60 36 | 63 36 | 67 39 | 66 40 | 69 47 | 77 57 | 80 52 | 78 58 | 64 52 | 62 49 | 72 53 | 83 55 | 82 57 | 76 61 | 71 47 | 69 46 | 60 47 | 69 49 | 70 46 | 65 47 | 69 42 | 74 53 | 82 58 | 78 54 | 58 40 | 74 52 | 65 46 | 76 41 | 70.0 47.4 | |
| HIGH POINT PARK | MAX MIN | 56 26 | 50 38 | 56 34 | 55 34 | 60 34 | 61 39 | 63 41 | 61 44 | 69 53 | 74 47 | 62 42 | 59 43 | 55 48 | 68 53 | 82 57 | 76 56 | 77 53 | 69 38 | 60 41 | 53 41 | 66 44 | 70 40 | 52 39 | 65 46 | 71 55 | 78 46 | 50 33 | 76 42 | 70 35 | 60 38 | 64.3 41.7 | |
| HIGHTSTOWN 1 N | MAX MIN | 54 36 | 63 46 | 60 38 | 65 34 | 70 40 | 67 37 | 73 48 | 82 58 | 87 52 | 75 58 | 62 51 | 60 51 | 77 56 | 85 56 | 88 59 | 80 63 | 75 46 | 63 45 | 65 46 | 68 46 | 75 46 | 64 48 | 70 42 | 78 46 | 85 52 | 78 53 | 53 41 | 75 42 | 71 52 | 66 42 | 79 40 | 71.4 47.5 |
| INDIAN HILLS 2 W | MAX MIN | 55 35 | 60 46 | 59 37 | 63 30 | 67 31 | 65 36 | 72 48 | 79 59 | 86 51 | 74 57 | 62 54 | 66 51 | 74 54 | 81 57 | 83 57 | 79 62 | 73 47 | 68 40 | 61 48 | 67 42 | 71 41 | 65 46 | 70 37 | 73 40 | 85 55 | 77 53 | 75 41 | 75 41 | 65 38 | 75 36 | 70.2 45.9 | |
| JERSEY CITY | MAX MIN | 54 46 | 58 43 | 57 43 | 60 43 | 65 44 | 59 47 | 59 48 | 65 53 | 68 52 | 67 60 | 60 52 | 57 49 | 66 53 | 72 55 | 67 59 | 66 55 | 69 48 | 62 52 | 56 48 | 65 49 | 69 50 | 65 52 | 64 50 | 74 57 | 80 46 | 71 41 | 46 39 | 72 52 | 69 44 | 76 48 | 64.5 49.3 | |
| LAMBERTVILLE | MAX MIN | 60 35 | 60 46 | 59 42 | 63 32 | 67 37 | 66 35 | 70 48 | 78 55 | 85 54 | 83 58 | 65 56 | 61 54 | 72 57 | 81 58 | 81 57 | 80 63 | 75 46 | 73 45 | 61 47 | 68 50 | 72 42 | 65 48 | 67 39 | 75 41 | 82 48 | 80 58 | 60 41 | 75 42 | 74 52 | 67 38 | 77 38 | 71.0 47.2 |
| LAYTON 3 NW | MAX MIN | 56 24 | 55 38 | 50 28 | 62 32 | 65 28 | 60 26 | 67 47 | 73 57 | 80 56 | 75 52 | 68 45 | 63 49 | 77 56 | 84 58 | 85 54 | 77 60 | 72 44 | 67 40 | 60 44 | 62 40 | 70 34 | 65 42 | 64 34 | 74 40 | 80 46 | 79 48 | 48 39 | 78 37 | 72 47 | 76 32 | 69.1 41.8 | |
| LITTLE FALLS | MAX MIN | 60 34 | 57 44 | 62 44 | 60 42 | 66 40 | 69 37 | 68 46 | 66 50 | 72 54 | 78 54 | 68 50 | 63 50 | 62 52 | 74 56 | 83 60 | 75 57 | 74 46 | 67 46 | 69 47 | 63 48 | 71 42 | 64 50 | 66 44 | 78 46 | 83 55 | 78 49 | 50 42 | 78 39 | 65 45 | 66 41 | 69.1 46.8 | |
| LONG BRANCH | MAX MIN | 50 38 | 60 45 | 60 43 | 63 39 | 67 45 | 55 44 | 61 49 | 63 52 | 71 51 | 70 60 | 60 50 | 58 50 | 64 53 | 73 54 | 68 58 | 69 58 | 70 52 | 60 47 | 55 48 | 66 49 | 69 48 | 64 51 | 66 43 | 73 45 | 84 56 | 73 50 | 50 43 | 76 55 | 74 55 | 63 45 | 77 43 | 65.5 49.0 |
| LONG VALLEY | MAX MIN | 56 29 | 59 44 | 58 35 | 62 32 | 66 28 | 65 26 | 66 47 | 76 56 | 80 54 | 76 56 | 70 54 | 65 49 | 71 56 | 80 56 | 78 56 | 75 61 | 72 41 | 65 46 | 68 47 | 70 48 | 66 48 | 62 44 | 66 48 | 74 46 | 81 51 | 74 51 | 68 39 | | 72 46 | 63 35 | 76 33 | 69.0 46.1 |
| MILLVILLE | MAX MIN | 60 43 | 57 49 | 62 43 | 62 37 | 63 40 | 69 46 | 60 49 | 57 60 | 74 54 | 82 58 | 73 57 | 64 54 | 84 56 | 73 54 | 79 57 | 77 58 | 76 51 | 72 47 | 69 50 | 63 49 | 68 51 | 70 51 | 68 44 | 71 46 | 75 56 | 82 47 | 75 43 | 55 42 | 74 53 | 66 47 | 69.7 50.2 | |
| MILLVILLE FAA AIRPORT | MAX MIN | 57 45 | 60 41 | 62 41 | 62 34 | 67 37 | 63 44 | 73 52 | 81 59 | 85 60 | 73 58 | 62 55 | 70 54 | 73 56 | 76 58 | 77 54 | 75 62 | 72 48 | 68 50 | 62 45 | 67 51 | 67 49 | 66 48 | 69 45 | 73 48 | 83 56 | 75 45 | 54 42 | 75 43 | 73 53 | 65 44 | 74 39 | 69.6 48.8 |
| MOORESTOWN | MAX MIN | 58 44 | 60 45 | 59 40 | 64 35 | 68 42 | 61 40 | 71 51 | 78 61 | 85 55 | 68 59 | 60 51 | 64 52 | 70 56 | 80 59 | 80 59 | 76 64 | 71 47 | 64 45 | 60 48 | 67 48 | 70 45 | 66 49 | 68 45 | 74 48 | 80 56 | 77 43 | 51 41 | 73 43 | 72 51 | 65 44 | 75 40 | 68.1 48.6 |
| MORRIS PLAINS | MAX MIN | 57 31 | 56 38 | 61 38 | 58 41 | 65 36 | 66 41 | 65 36 | 64 45 | 74 55 | 80 52 | 67 53 | 61 49 | 58 52 | 75 57 | 82 55 | 80 49 | 76 45 | 73 44 | 63 46 | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
MAY 1961

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SUSSEX | MAX | 55 | 58 | 58 | 55 | 60 | 67 | 67 | 67 | 76 | 81 | 68 | 65 | 60 | 78 | 85 | 80 | 77 | 71 | 68 | 65 | 68 | 71 | 59 | 64 | 73 | 74 | 65 | 48 | 75 | 65 | 62 | 67.3 |
| | MIN | 30 | 30 | 29 | 32 | 37 | 28 | 35 | 50 | 55 | 55 | 48 | 48 | 52 | 52 | 58 | 60 | 45 | 45 | 46 | 48 | 41 | 50 | 41 | 41 | 47 | 49 | 40 | 38 | 40 | 36 | 42 | 43.5 |
| TOMS RIVER | MAX | 55 | 60 | 57 | 63 | 71 | 64 | 65 | 72 | 87 | 86 | 66 | 64 | 68 | 78 | 78 | 76 | 67 | 65 | 58 | 69 | 68 | 67 | 65 | 75 | 85 | 83 | 62 | 76 | 73 | 68 | 80 | 70.0 |
| | MIN | 40 | 48 | 32 | 29 | 32 | 35 | 48 | 56 | 54 | 57 | 52 | 50 | 55 | 55 | 57 | 63 | 50 | 43 | 49 | 46 | 42 | 47 | 40 | 41 | 55 | 62 | 43 | 42 | 52 | 42 | 38 | 46.9 |
| TRENTON W8 CITY | MAX | 56 | 59 | 58 | 62 | 67 | 64 | 69 | 78 | 85 | 66 | 61 | 60 | 72 | 81 | 81 | 78 | 72 | 62 | 59 | 68 | 70 | 63 | 65 | 76 | 82 | 77 | 51 | 76 | 71 | 65 | 76 | 68.7 |
| | MIN | 43 | 45 | 44 | 41 | 46 | 46 | 50 | 54 | 53 | 61 | 51 | 51 | 56 | 58 | 59 | 59 | 48 | 48 | 47 | 50 | 50 | 50 | 46 | 49 | 57 | 43 | 41 | 43 | 51 | 45 | 47 | 49.4 |
| TUCKERTON | MAX | 58 | 62 | 60 | 64 | 68 | 64 | 67 | 77 | 85 | 74 | 66 | 63 | 68 | 73 | 71 | 70 | 66 | 65 | 58 | 67 | 73 | 70 | 66 | 74 | 79 | 74 | 63 | 75 | 75 | 66 | 75 | 68.9 |
| | MIN | 38 | 47 | 37 | 32 | 37 | 38 | 48 | 56 | 57 | 56 | 51 | 51 | 53 | 54 | 56 | 58 | 48 | 40 | 48 | 47 | 48 | 50 | 43 | 44 | 56 | 60 | 42 | 42 | 54 | 41 | 38 | 47.4 |
| WOODSTOWN | MAX | 60 | 61 | 61 | 65 | 70 | 65 | 70 | 70 | 86 | 83 | 65 | 72 | 70 | 78 | 80 | 78 | 75 | 69 | 63 | 68 | 71 | 70 | 71 | 76 | 83 | 79 | 61 | 75 | 75 | 68 | 75 | 71.4 |
| | MIN | 39 | 46 | 38 | 32 | 35 | 41 | 48 | 56 | 60 | 58 | 55 | 53 | 56 | 59 | 58 | 61 | 48 | 43 | 49 | 47 | 47 | 48 | 40 | 43 | 55 | 59 | 35 | 44 | 54 | 43 | 40 | 48.1 |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg |
|---------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| CANOE BROOK | EVAP | - | - | .17 | .18 | .14 | .19 | * | * | .26 | .12 | * | * | .17 | .09 | .17 | .13 | .09 | .19 | .18 | .05 | .16 | .11 | .11 | .14 | .15 | .26 | .07 | .05 | .18 | .08 | .23 | B3.92 |
| | WIND | - | 49 | 58 | 86 | 45 | 45 | 61 | 2 | 6 | 61 | 28 | 33 | 32 | 29 | 1 | 50 | 49 | 29 | 43 | 39 | 42 | 24 | 46 | 33 | 42 | 54 | 63 | 54 | 51 | 33 | 69 | B1299 |
| PEMBERTON 3 E | EVAP | - | .04 | .25 | .17 | .10 | .20 | .03 | .03 | .22 | .19 | .07 | .01 | .10 | .20 | .09 | .16 | .19 | .28 | .13 | .03 | .25 | .07 | .15 | .16 | .37 | * | * | .52 | .26 | .23 | .28 | B4.94 |
| | WIND | - | 49 | 124 | 50 | 47 | 80 | 2 | 25 | 71 | 52 | 47 | 69 | 35 | 16 | 54 | 34 | 30 | 39 | 32 | 39 | 32 | 40 | 29 | 44 | 55 | 87 | 51 | 112 | 54 | 46 | 60 | B1555 |
| | MAX | 67 | 67 | 67 | 74 | 77 | 75 | 72 | 79 | 89 | 87 | 73 | 68 | 77 | 89 | 89 | 85 | 84 | 84 | 74 | 73 | 73 | 74 | 82 | 81 | 86 | 82 | 69 | 79 | 77 | 76 | 81 | 77.8 |
| | MIN | 36 | 50 | 40 | 37 | 45 | 48 | 52 | 62 | 58 | 64 | 59 | 54 | 58 | 67 | 65 | 64 | 55 | 54 | 52 | 58 | 52 | 51 | 50 | 53 | 56 | 60 | 47 | 42 | 56 | 52 | 52 | 53.2 |

See Reference Notes Following Station Index

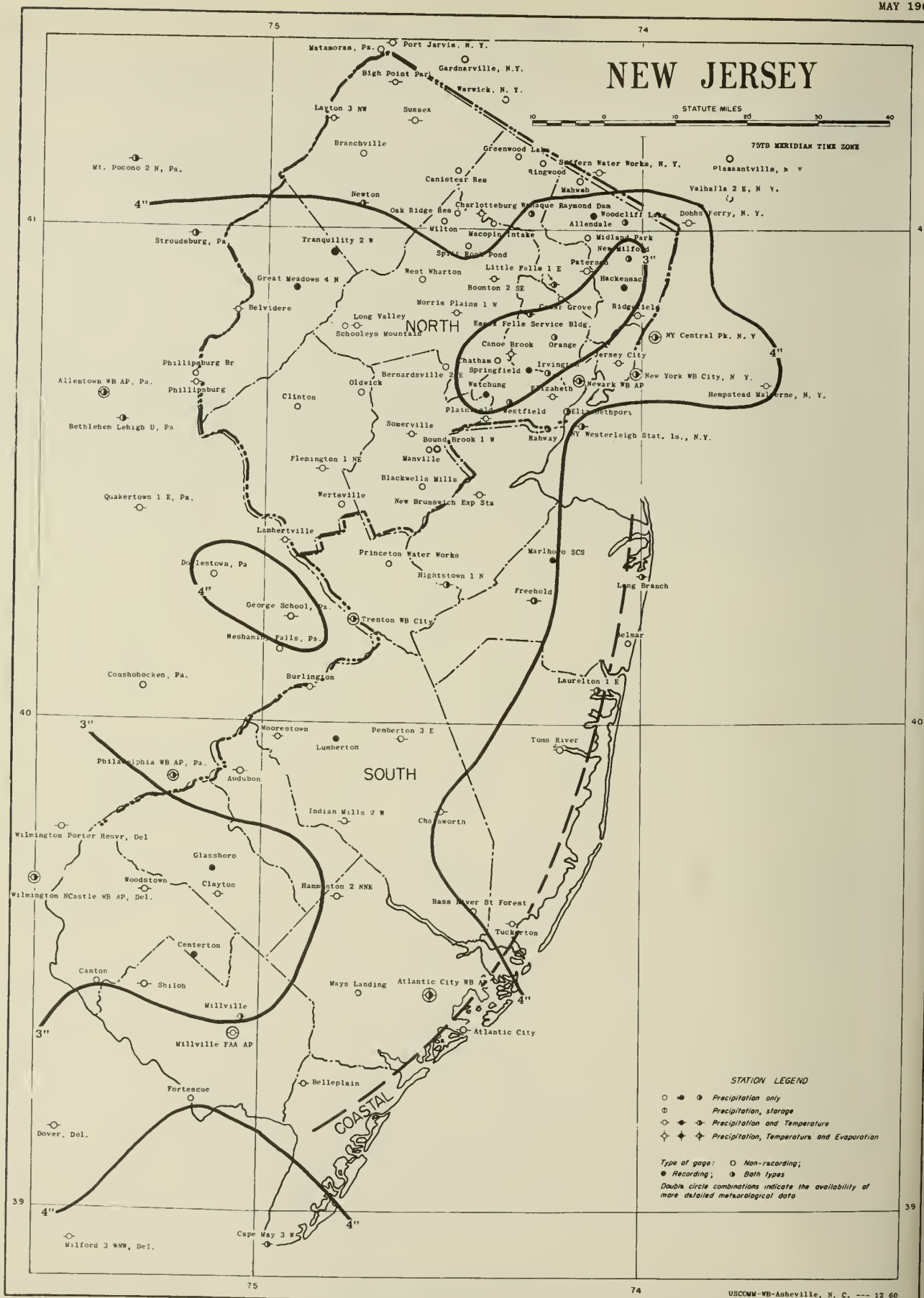
DAILY SOIL TEMPERATURES

NEW JERSEY
MAY 1961

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 51 | 63 | 62 | 62 | 68 | 60 | 62 | 65 | 74 | 66 | 60 | 58 | 67 | 77 | 78 | 69 | 70 | 66 | 61 | 62 | 65 | 63 | 64 | 67 | 71 | 71 | 55 | 68 | 62 | 67 | 69 | 65.4 |
| | MIN | 45 | 49 | 44 | 44 | 45 | 47 | 51 | 56 | 56 | 59 | 54 | 55 | 56 | 59 | 62 | 63 | 57 | 56 | 55 | 55 | 53 | 56 | 53 | 53 | 53 | 57 | 53 | 48 | 56 | 52 | 52 | 53.5 |
| 2 INCHES | MAX | 50 | 61 | 61 | 61 | 66 | 59 | 61 | 64 | 72 | 65 | 60 | 57 | 66 | 75 | 76 | 68 | 72 | 65 | 60 | 61 | 64 | 62 | 63 | 66 | 70 | 69 | 55 | 66 | 62 | 66 | 68 | 64.2 |
| | MIN | 45 | 49 | 44 | 44 | 45 | 47 | 51 | 55 | 56 | 59 | 54 | 55 | 56 | 58 | 61 | 62 | 57 | 56 | 55 | 55 | 53 | 56 | 53 | 53 | 57 | 57 | 53 | 49 | 56 | 52 | 52 | 53.4 |
| 4 INCHES | MAX | 50 | 60 | 59 | 60 | 65 | 59 | 60 | 64 | 70 | 65 | 59 | 57 | 65 | 74 | 75 | 68 | 70 | 65 | 60 | 61 | 64 | 61 | 63 | 66 | 69 | 68 | 55 | 65 | 62 | 65 | 67 | 63.6 |
| | MIN | 45 | 49 | 44 | 44 | 45 | 47 | 51 | 55 | 56 | 59 | 54 | 56 | 56 | 58 | 61 | 62 | 57 | 56 | 55 | 55 | 53 | 56 | 53 | 53 | 57 | 57 | 53 | 49 | 56 | 52 | 52 | 53.4 |
| 8 INCHES | MAX | 50 | 51 | 51 | 51 | 53 | 52 | 53 | 55 | 57 | 58 | 57 | 56 | 58 | 61 | 62 | 62 | 61 | 60 | 58 | 58 | 59 | 58 | 59 | 59 | 60 | 60 | 57 | 58 | 58 | 59 | 60 | 57.1 |
| | MIN | 49 | 49 | 49 | 48 | 50 | 50 | 51 | 53 | 54 | 57 | 56 | 55 | 56 | 57 | 60 | 61 | 58 | 58 | 57 | 57 | 56 | 57 | 56 | 56 | 57 | 59 | 56 | 54 | 58 | 52 | 56 | 55.0 |
| 16 INCHES | MAX | 50 | 50 | 50 | 49 | 50 | 50 | 51 | 52 | 53 | 54 | 55 | 54 | 54 | 56 | 58 | 58 | 58 | 59 | 57 | 57 | 56 | 57 | 56 | 55 | 58 | 57 | 57 | 56 | 56 | 57 | 54.7 | |
| | MIN | 50 | 49 | 49 | 49 | 49 | 50 | 50 | 51 | 52 | 53 | 54 | 54 | 54 | 54 | 57 | 58 | 58 | 58 | 57 | 56 | 56 | 56 | 56 | 56 | 56 | 57 | 57 | 55 | 56 | 56 | 56 | 54.1 |
| 32 INCHES | MAX | 49 | 49 | 49 | 49 | 49 | 49 | 49 | 50 | 50 | 51 | 52 | 52 | 52 | 52 | 53 | 54 | 54 | 55 | 55 | 55 | 54 | 55 | 55 | 55 | 56 | 55 | 55 | 55 | 55 | 55 | 55 | 52.6 |
| | MIN | 49 | 49 | 48 | 48 | 48 | 49 | 49 | 49 | 50 | 50 | 51 | 52 | 52 | 52 | 53 | 54 | 54 | 55 | 55 | 55 | 54 | 54 | 54 | 54 | 54 | 55 | 55 | 54 | 55 | 55 | 54 | 52.1 |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 51 | 61 | 58 | 61 | 65 | 61 | 65 | 71 | 76 | 68 | 59 | 59 | 71 | 82 | 81 | 74 | 75 | 68 | 62 | 65 | 70 | 65 | 69 | 70 | 79 | 73 | 52 | 69 | 64 | 67 | 75 | 67.3 |
| | MIN | 42 | 48 | 43 | 39 | 41 | 44 | 50 | 57 | 54 | 60 | 54 | 54 | 56 | 59 | 63 | 63 | 52 | 52 | 51 | 51 | 49 | 53 | 47 | 48 | 53 | 53 | 49 | 43 | 54 | 46 | 47 | 50.8 |
| 2 INCHES | MAX | 51 | 60 | 58 | 60 | 65 | 60 | 65 | 70 | 74 | 67 | 59 | 59 | 70 | 81 | 80 | 74 | 74 | 68 | 62 | 65 | 70 | 65 | 68 | 70 | 78 | 72 | 52 | 69 | 64 | 67 | 74 | 66.8 |
| | MIN | 42 | 47 | 43 | 40 | 42 | 44 | 51 | 57 | 54 | 60 | 54 | 54 | 56 | 59 | 63 | 63 | 52 | 53 | 51 | 51 | 49 | 53 | 47 | 49 | 54 | 53 | 49 | 43 | 54 | 46 | 47 | 51.0 |
| 4 INCHES | MAX | 50 | 58 | 56 | 58 | 62 | 58 | 62 | 67 | 71 | 66 | 58 | 58 | 68 | 77 | 76 | 71 | 72 | 66 | 61 | 63 | 67 | 63 | 65 | 68 | 74 | 70 | 53 | 66 | 62 | 65 | 71 | 64.6 |
| | MIN | 44 | 48 | 43 | 42 | 43 | 46 | 51 | 57 | 55 | 60 | 55 | 55 | 56 | 59 | 63 | 63 | 54 | 55 | 52 | 52 | 50 | 54 | 49 | 50 | 54 | 55 | 50 | 45 | 55 | 49 | 49 | 52.1 |
| 8 INCHES | MAX | 50 | 53 | 52 | 52 | 55 | 53 | 57 | 60 | 63 | 62 | 57 | 57 | 62 | 68 | 69 | 66 | 66 | 62 | 58 | 59 | 61 | 60 | 60 | 62 | 66 | 64 | 55 | 60 | 59 | 58 | 63 | 59.6 |
| | MIN | 47 | 49 | 49 | 45 | 47 | 49 | 52 | 56 | 56 | 60 | 56 | 56 | 56 | 59 | 62 | 64 | 58 | 58 | 55 | 55 | 53 | 56 | 53 | 53 | 56 | 59 | 54 | 49 | 58 | 53 | 53 | 54.4 |

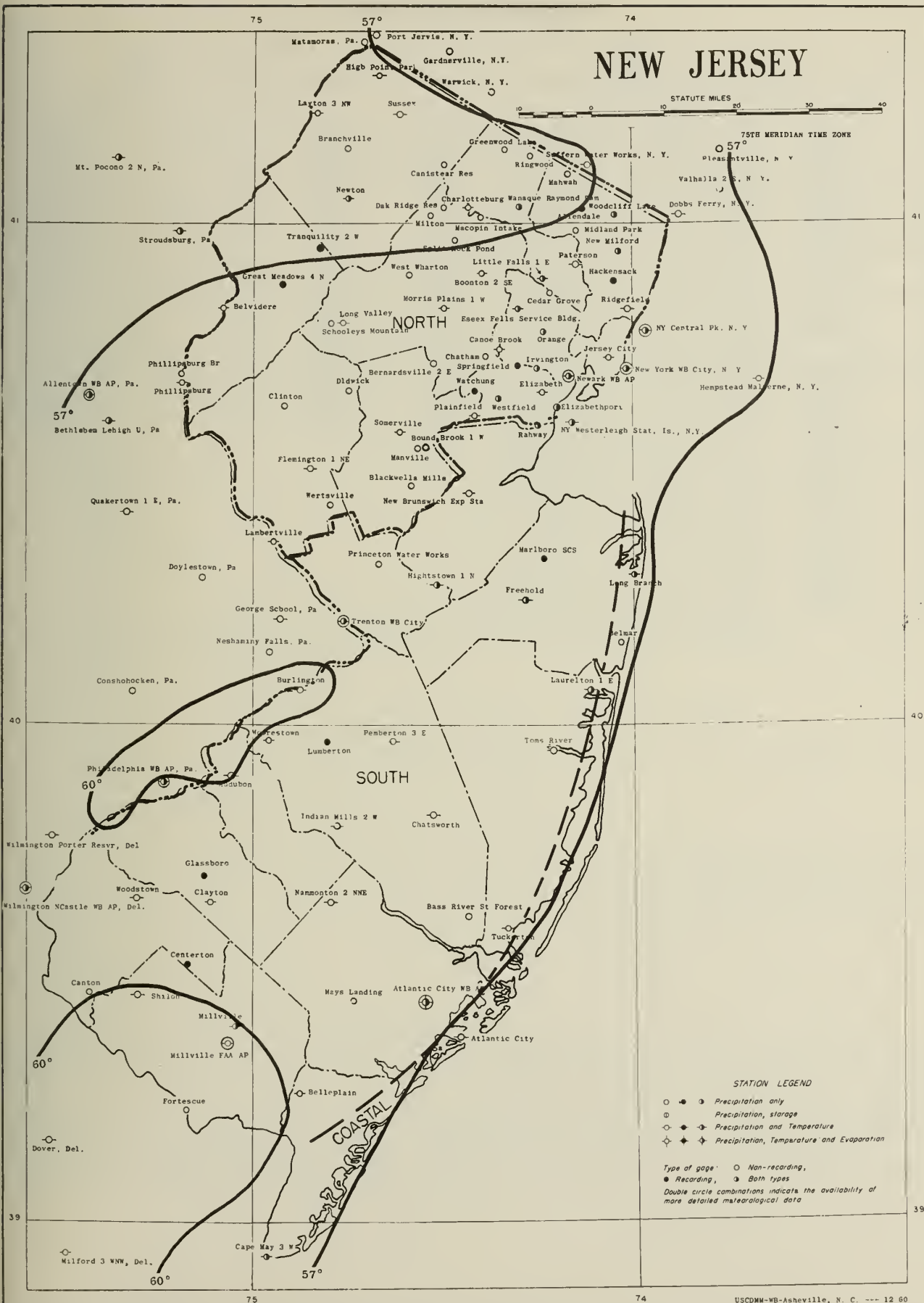
Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Electronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.



AVERAGE TEMPERATURE

NEW JERSEY
MAY 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
MAY 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | OBSERVER |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|---------|-----------------------------|
| | | | | | | | TEMP. | PRECIP. | SPECIAL | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | C BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | HID | HID | | C HJ U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | HID | HID | | C HJ U.S. WEATHER BUREAU |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | C HJ U.S. WEATHER BUREAU |
| BASS RIVER ST FOREST | 0526 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | 6P | | C HJ U.S. WEATHER BUREAU |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | C BELLEPLAIN STATE FOREST |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | C BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | C CLEMENT MAUP |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | C BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | C HENRY M. MILLER |
| BOONTON 2 SE | 0907 | HORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | C JERSEY CITY WATER WORKS |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | C AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | C ALBERT M. OVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | C PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1357 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | C NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | C COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 29 | 20 | 9A | | | C GERTRUDE S. WILLIS |
| CAPE HAY 3 W | 1391 | CAPE HAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | C N.WEST MAGNESITE CO. |
| CEAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 5A | | | C J. A. PLUMKETT |
| CENTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | C JOHN HOPKINS UNIV. |
| CHARLOTTEBURG | 1587 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | C NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | C EDWARD P. HOLTOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | C EARL N. KERCHNER |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | C HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | C L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | | | C UNION CO. PARK COMM. |
| ELIZABETHPORT | 2651 | UNION | 8 | 40 38 | 74 12 | 10 | HID | | | C SEWAGE TREATMENT PLANT |
| ESSEX FIELDS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | C BOROUGH ESSEX FIELDS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | | | C DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 5A | | | C JOHN LOPER |
| FREEDHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | C H FRANK J. HOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 150 | | | | C GLASSBORO STATE COLLEGE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | C GUNMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | C GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | C BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | C W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1970 | 8A | 8A | | C N. J. DEPT. OF CONS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | C JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | C EDWARD ENTHWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | HID | | | C JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | HID | HID | | C JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | C H. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | HID | HID | | C GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | C A. W. DEPU |
| LITTLE FALLS | 4881 | PASSAIC | 8 | 40 53 | 74 14 | 190 | 9A | 9A | | C H PASSAIC VLY. WTR. CDH. |
| LONG BRANCH | 4987 | MONMOUTH | 3 | 40 18 | 74 00 | 20 | HID | HID | | C HJ WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | C H ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | C JAMES LANTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | C NEWARK WATER DEPT. |
| MANHAWK | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | C ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | HID | | | C JOHN L. PADLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | C GERDOR BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 10 | | | | C H COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5501 | BERGEN | 8 | 40 59 | 74 09 | 210 | HID | | | C RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | HID | | C H L. J. GALLAMER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | NID | MID | | C FED. AVIATION AGENCY |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | C JERSEY CITY WATER WES. |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | NID | 8A | | C H J. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | C H JAMES C. LONG |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | HID | HID | | C HJ U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | C GH ARTHUR M. AHLQUIST |
| NEW MILFORD | 6144 | BERGEN | 4 | 40 57 | 74 02 | 12 | HID | | | C HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | C ST. HARYS SCHOL |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C H NEWTON WTR. & SWR-CONH. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 970 | 8A | | | C NEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | C DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | C COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | C H P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | | C PHILIP E. NARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | C H SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 194 | 9A | | | C JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7070 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | C H MRS VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 20 | 74 40 | 60 | HID | | | C H PRINCETON WATER CO. |
| RAMMAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | HID | | | C H RANNEY VLY. SWG. AUTH. |
| RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | HID | HID | | C H GEORGE P. EIRSTEN |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | C N. J. DEPT. OF CONS. |
| SHILTON | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | C N. J. DEPT. OF CONS. |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | C H EVERETT DICKINSON |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | C H J. J. DEPT. OF CONS. |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | C BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | C H TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 591 | | | | C H M. J. ERYEY |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | HID | HID | | C HJ U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | C H REV. WALTER T. GANDEK |
| WANAOUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | C H WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | C BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 46 | 160 | 7A | | | C ROBERT M. MANNERS |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | C N.J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | NID | | | C HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | C CREAM VALLEY DAIRY |
| PUBLICATION ENDED | | | | | | | | | | |
| WESTFIELD | 9455 | UNION | 9 | 40 39 | 74 21 | 138 | | | | C EFFECTIVE 1/61 |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 6/30/61 --- 850

5 1.05
NNT

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JUNE 1961

Volume 66 No. 6



THE LIBRARY OF THE
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UNIVERSITY OF ALABAMA

NEW JERSEY - JUNE 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 14th at Paterson and on the 13th at Newark WB Airport

Lowest Temperature: 35° on the 16th at Layton 3 NW

Greatest Total Precipitation: 5.33 inches at Fortescue

Least Total Precipitation: 1.00 inch at Phillipsburg

Greatest One-Day Precipitation: 2.20 inches on the 15th at Fortescue

CLIMATOLOGICAL DATA

NEW JERSEY
JUNE 1961

| Station | | Temperature | | | | | | | | | | Precipitation | | | | | | | | | | | | |
|-----------------------|--|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|---------------|-----------------|--------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|------------|------------|-------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No of Days | | |
| | | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | 80° or Above | Below 80° | 32° or Above | Below 32° | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 81.3 | 57.1 | 69.2 | - 1.6 | 92 | 13 | 41 | 16 | 21 | 1 | 0 | 0 | 0 | 2.25 | - 2.15 | .47 | 21 | .0 | 0 | | 7 | 0 | 0 |
| BOONTON 2 SE | | 78.6 | 56.8 | 67.7 | - .2 | 93 | 14 | 44 | 17 | 30 | 1 | 0 | 0 | 0 | 2.96 | - 1.10 | 1.10 | 22 | .0 | 0 | | 5 | 2 | 1 |
| CANOE BROOK | | 80.8 | 57.1 | 69.0 | 1.1 | 95 | 14 | 43 | 17+ | 23 | 1 | 0 | 0 | 0 | 2.26 | - 1.95 | 1.05 | 22 | .0 | 0 | | 6 | 1 | 1 |
| CHARLOTTEBURG | | 77.4 | 54.9 | 66.2 | - .6 | 90 | 14 | 42 | 17 | 45 | 1 | 0 | 0 | 0 | 2.49 | - 2.00 | 1.15 | 22 | .0 | 0 | | 5 | 2 | 1 |
| ELIZABETH | | 82.3 | 59.1 | 70.7 | - .3 | 96 | 13 | 47 | 4 | 12 | 2 | 0 | 0 | 0 | 2.93 | - .98 | .90 | 22 | .0 | 0 | | 8 | 2 | 0 |
| ESSEX FELS SERV BLDG | | 80.8 | 56.4 | 68.6 | | 97 | 14 | 44 | 17+ | 24 | 2 | 0 | 0 | 0 | 2.23 | | .83 | 22 | .0 | 0 | | 6 | 2 | 0 |
| FLEMINGTON 1 NE | | 83.9 | 56.0 | 70.0 | - .8 | 95 | 13 | 41 | 17+ | 17 | 4 | 0 | 0 | 0 | 2.01 | - 1.91 | .49 | 22 | .0 | 0 | | 7 | 0 | 0 |
| HIGH POINT PARK | | 76.8M | 53.3M | 65.1M | | 90 | 14 | 37 | 16 | 71 | 1 | 0 | 0 | 0 | 4.14 | | .94 | 26 | .0 | 0 | | 8 | 3 | 0 |
| JERSEY CITY | | 78.3 | 60.1 | 69.2 | - 1.1 | 90 | 30+ | 50 | 16 | 18 | 2 | 0 | 0 | 0 | 2.57 | - .95 | .82 | 22 | .0 | 0 | | 7 | 2 | 0 |
| LAMBERTVILLE | | 82.8 | 58.7 | 70.8 | .8 | 94 | 13 | 44 | 16 | 14 | 4 | 0 | 0 | 0 | 3.09 | - .86 | .74 | 21 | .0 | 0 | | 8 | 3 | 0 |
| LAYTON 3 NW | | 80.7 | 52.8 | 66.8 | - .5 | 90 | 13 | 35 | 16 | 48 | 1 | 0 | 0 | 0 | | | | | .0 | 0 | | | | |
| LITTLE FALLS | | 82.4 | 58.1 | 70.3 | .6 | 96 | 14 | 47 | 17+ | 11 | 2 | 0 | 0 | 0 | 2.10 | - 2.35 | .82 | 22 | .0 | 0 | | 6 | 1 | 0 |
| LONG VALLEY | | 81.1 | 54.6 | 67.9 | | 94 | 13 | 39 | 17 | 32 | 1 | 0 | 0 | 0 | 2.64 | - 1.65 | 1.16 | 21 | .0 | 0 | | 7 | 2 | 1 |
| MORRIS PLAINS | | 79.6 | 54.7 | 67.2 | | 96 | 14 | 42 | 17 | 35 | 3 | 0 | 0 | 0 | 2.99 | | 1.31 | 22 | .0 | 0 | | 5 | 2 | 1 |
| NEWARK WB AIRPORT | | 82.4 | 61.3 | 71.9 | 1.4 | 98 | 13 | 54 | 17+ | 3 | 4 | 0 | 0 | 0 | 2.46 | - 1.34 | .71 | 22 | .0 | 0 | | 7 | 2 | 0 |
| NEWTON | | 80.0 | 55.0 | 67.5 | .0 | 93 | 14 | 38 | 16 | 40 | 2 | 0 | 0 | 0 | 3.56 | - .91 | 2.04 | 10 | .0 | 0 | | 7 | 2 | 1 |
| PATERSON | | 82.8 | 61.0 | 71.9 | 1.2 | 98 | 14 | 48 | 16 | 7 | 4 | 0 | 0 | 0 | 1.87 | - 2.48 | .95 | 22 | .0 | 0 | | 6 | 1 | 0 |
| PHILLIPSBURG | | 83.4 | | | | 95 | 13 | | | 3 | 0 | 0 | 0 | 0 | 1.00 | - 3.39 | .55 | 21 | .0 | 0 | | 3 | 1 | 0 |
| PLAINFIELD | | 82.1 | 58.8 | 70.5 | .6 | 96 | 13 | 46 | 17+ | 8 | 3 | 0 | 0 | 0 | 2.03 | - 2.54 | .90 | 21 | .0 | 0 | | | 1 | 0 |
| SOMERVILLE | | 82.2 | 58.3 | 70.3 | .5 | 93 | 13 | 44 | 17+ | 14 | 2 | 0 | 0 | 0 | 2.10 | - 1.90 | | | .0 | 0 | | | 0 | 0 |
| SUSSEX | | 78.7 | 54.7 | 66.7 | - 2.2 | 88 | 14+ | 40 | 1 | 42 | 0 | 0 | 0 | 0 | 3.82 | - .38 | 1.18 | 14 | .0 | 0 | | 9 | 3 | 1 |
| DIVISION | | | | 68.9 | - .3 | | | | | | | | | | 2.58 | - 1.58 | | | .0 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 79.7 | 59.0 | 69.4 | - .3 | 92 | 13 | 48 | 17 | 14 | 3 | 0 | 0 | 0 | 3.00 | .01 | 1.16 | 9 | .0 | 0 | | 6 | 2 | 1 |
| AUDUBON | | 82.8 | 60.1 | 71.5 | | 94 | 13 | 49 | 17 | 5 | 5 | 0 | 0 | 0 | 3.39 | | .84 | 14 | .0 | 0 | | 10 | 2 | 0 |
| BELLEPLAIN STA FOREST | | 82.7 | 57.1 | 69.9 | | 93 | 13 | 40 | 17 | 17 | 3 | 0 | 0 | 0 | 4.45 | - 2.02 | 1.58 | 15 | .0 | 0 | | 7 | 3 | 2 |
| BURLINGTON | | 84.8 | 57.1 | 71.0 | - 1.8 | 94 | 13+ | 44 | 3+ | 3 | 5 | 0 | 0 | 0 | 2.49 | - 1.24 | .54 | 22 | .0 | 0 | | 9 | 1 | 0 |
| CHATSWORTH | | 82.6 | 58.0 | 70.3 | | 92 | 13+ | 43 | 17 | 7 | 5 | 0 | 0 | 0 | 3.86 | | 1.35 | 15 | .0 | 0 | | 9 | 3 | 1 |
| CLAYTON | | 80.8 | 60.4 | 70.6 | | 91 | 13 | 48 | 17+ | 12 | 1 | 0 | 0 | 0 | 2.37 | | .61 | 21 | .0 | 0 | | 5 | 2 | 0 |
| FREEHOLD | | 81.3 | 58.7 | 70.0 | - .3 | 92 | 13 | 46 | 17 | 14 | 2 | 0 | 0 | 0 | 2.98 | - .75 | .96 | 22 | .0 | 0 | | 9 | 2 | 0 |
| HAMMONTON 2 NNE | | 81.4M | 58.7M | 70.1M | - 1.4 | 95 | 14 | 48 | 17 | 17 | 3 | 0 | 0 | 0 | 3.27 | - .77 | .90 | 22 | .0 | 0 | | 7 | 3 | 0 |
| HIGHTSTOWN 1 N | | 83.0 | 58.8 | 70.9 | 1.1 | 95 | 13 | 45 | 4 | 12 | 5 | 0 | 0 | 0 | 3.13 | - .87 | 1.00 | 22 | .0 | 0 | | 8 | 2 | 1 |
| INDIAN MILLS 2 W | | 81.3 | 57.3 | 69.3 | - 1.0 | 93 | 13 | 42 | 17 | 18 | 4 | 0 | 0 | 0 | 3.76 | - .29 | .97 | 14 | .0 | 0 | | 8 | 3 | 0 |
| MILLVILLE | | 80.2 | 59.7 | 70.0 | | 92 | 14 | 50 | 17 | 13 | 2 | 0 | 0 | 0 | 3.64 | | 1.00 | 14 | .0 | 0 | | 6 | 3 | 1 |
| MILLVILLE FAA AIRPORT | | 80.2 | 59.7 | 70.0 | | 92 | 13 | 49 | 17 | 11 | 1 | 0 | 0 | 0 | 5.32 | | 1.85 | 14 | .0 | 0 | | 7 | 3 | 3 |
| MOORESTOWN | | 80.5 | 58.8 | 69.7 | - .5 | 92 | 13 | 47 | 17+ | 11 | 3 | 0 | 0 | 0 | 3.28 | - .36 | .82 | 22 | .0 | 0 | | 7 | 3 | 0 |
| NEW BRUNSWICK EXP STA | | 81.8 | 59.0 | 70.4 | .4 | 93 | 13 | 48 | 4 | 8 | 1 | 0 | 0 | 0 | 3.10 | - .73 | 1.00 | 22 | .0 | 0 | | 8 | 2 | 1 |
| NEW MONMOUTH | | 81.6 | 58.9 | 70.3 | | 95 | 13 | 38 | 17 | 18 | 1 | 0 | 0 | 0 | 2.48 | | .97 | 22 | .0 | 0 | | 8 | 1 | 0 |
| PEMBERTON 3 E | | 82.5 | 57.1 | 69.8 | - 1.4 | 94 | 13 | 43 | 17 | 13 | 1 | 0 | 0 | 0 | 4.42 | .53 | 1.58 | 10 | .0 | 0 | | 8 | 2 | 1 |
| SHILOH | | 80.6 | 59.9 | 70.3 | - 1.5 | 90 | 13 | 51 | 17+ | 5 | 1 | 0 | 0 | 0 | 3.92 | .48 | 1.00 | 15 | .0 | 0 | | 9 | 2 | 1 |
| TOMS RIVER | | 82.7M | 59.9M | 71.3M | | 94 | 13 | 45 | 17+ | 13 | 6 | 0 | 0 | 0 | 4.17 | | 1.66 | 15 | .0 | 0 | | 5 | 3 | 2 |
| TRENTON WB CITY | | 80.6 | 60.6 | 70.6 | - .2 | 94 | 13 | 51 | 4 | 11 | 3 | 0 | 0 | 0 | 2.66 | - 1.21 | .72 | 14 | .0 | 0 | | 8 | 1 | 0 |
| TUCKERTON | | 80.0 | 58.5 | 69.3 | | 90 | 30+ | 44 | 17 | 23 | 4 | 0 | 0 | 0 | 4.27 | | 1.40 | 14 | .0 | 0 | | 9 | 3 | 1 |
| WOODSTOWN | | 83.6M | 60.5M | 72.1M | | 93 | 13 | | | | 4 | 0 | 0 | 0 | 2.98 | | .64 | 22 | .0 | 0 | | 8 | 2 | 0 |
| DIVISION | | | | 70.3 | - .4 | | | | | | | | | | 3.47 | - .24 | | | .0 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | 73.0 | 60.7 | 66.9 | - 1.8 | 86 | 30 | 55 | 4 | 21 | 0 | 0 | 0 | 0 | 1.29 | - 1.70 | .36 | 9 | .0 | 0 | | 5 | 0 | 0 |
| CAPE MAY 3 W | | 77.2M | 58.9M | 68.1M | | 85 | 15+ | 53 | 16+ | 6 | 0 | 0 | 0 | 0 | 5.06 | | 1.57 | 15 | .0 | 0 | | 10 | 4 | 3 |
| LONG BRANCH | | 78.6 | 59.3 | 69.0 | - .2 | 95 | 13 | 50 | 17+ | 16 | 3 | 0 | 0 | 0 | 2.46 | - 1.13 | .84 | 22 | .0 | 0 | | 6 | 1 | 0 |
| DIVISION | | | | 68.0 | - 1.4 | | | | | | | | | | 2.94 | - .23 | | | .0 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover | sunrise to sunset |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|--------------------|-------|------------------------------------|----------------------|-------------------|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| ATLANTIC CITY WB AIRPORT | S | 23 | 10.1 | 37 | WSW | 2 | 86 | 83 | 54 | 70 | 5 | 6 | 4 | 1 | 1 | 0 | 17 | 58 | 6.5 | |
| LONG BRANCH | W | 10 | 10.6 | 32 | NW | 10 | - | 75 | 58 | 62 | 1 | 10 | 5 | 1 | 0 | 0 | 17 | 60 | 5.3 | |
| NEWARK WB AIRPORT | SW | 23 | 9.0 | 21 | SSE | 25+ | 73 | 72 | 50 | 57 | 5 | 5 | 5 | 2 | 0 | 0 | 17 | - | 6.0 | |
| TRENTON WB CITY | S | - | 8.7 | 35 | W | 2 | - | - | - | - | 3 | 7 | 7 | 1 | 0 | 0 | 18 | 61 | 6.2 | |
| & 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

NEW JERSEY
JUNE 1961

- 64 -

MONTHLY AND SEASONAL SNOWFALL

Season of 1960 - 1961

NEW JERSEY

| Station | July | August | September | October | November | December | January | February | March | April | May | June | Total | |
|-----------------------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|------|-------|--|
| ATLANTIC CITY WB AP | - | - | - | T | - | 8.6 | 15.9 | 7.6 | .2 | - | - | - | 32.3 | |
| ATLANTIC CITY | - | - | - | T | - | - | - | - | - | - | - | - | - | |
| AUUBON | - | - | - | T | - | 20.5 | 21.1 | 11.0 | T | T | - | - | 52.6 | |
| BASS RIVER ST FOREST | - | - | - | - | - | 12.5 | - | - | - | - | - | - | - | |
| BELLEPLAIN STA FOREST | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BELMAR | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BELVIDERE | - | - | - | - | - | 17.1 | 22.3 | 17.1 | 3.2 | 2.5 | - | - | 62.2 | |
| BERNARDSVILLE 2 E | - | - | - | - | - | - | - | 23.5 | - | - | - | - | - | |
| BLACKWELLS MILLS | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BOONTON 2 SE | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BOUND BROOK 1 W | - | - | - | - | - | 17.0 | 16.0 | 22.5 | - | - | - | - | - | |
| BRANCHVILLE | - | - | - | - | T | 20.5 | 26.5 | 26.0 | 12.0 | 7.0 | - | - | 92.0 | |
| BURLINGTON | - | - | - | T | - | - | 18.2 | 12.0 | - | - | - | - | - | |
| CANISTEAR RESERVOIR | - | - | - | - | - | 24.0 | 33.0 | 26.0 | 14.5 | 7.0 | - | - | 104.5 | |
| CANOE BROOK | - | - | - | - | - | 23.2 | 29.0 | 24.0 | 4.3 | .5 | - | - | 81.0 | |
| CANTON | - | - | - | - | - | 12.0 | 8.3 | - | T | - | - | - | - | |
| CAPE MAY 3 W | - | - | - | - | - | - | - | - | T | - | - | - | - | |
| CEGAR GROVE | - | - | - | - | - | 21.0 | 21.0 | 22.5 | - | - | - | - | - | |
| CHARLOTTEBURG | - | - | - | - | - | 23.0 | 31.0 | 22.5 | 13.5 | 5.0 | - | - | 95.0 | |
| CHATHAM | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| CHATSWORTH | - | - | - | - | - | 13.5 | - | - | - | - | - | - | - | |
| CLAYTON | - | - | - | - | - | 14.0 | 13.6 | 12.5 | T | - | - | - | 40.1 | |
| CLINTON | - | - | - | - | - | 17.6 | 19.1 | 16.0 | 3.0 | T | - | - | 55.7 | |
| ELIZABETH | - | - | - | - | - | 19.9 | 18.8 | 22.5 | 3.1 | T | - | - | 64.3 | |
| ELIZABETHPORT | - | - | - | - | - | - | - | - | .5 | T | - | - | - | |
| ESSEX FELS SERV BLOG | - | - | - | - | - | - | - | - | - | T | - | - | - | |
| FLEMINGTON 1 NE | - | - | - | T | T | 31.0 | 22.5 | 26.9 | 3.1 | 4.0 | - | - | 87.5 | |
| FORTESCUE | - | - | - | - | - | - | 10.0 | - | - | - | - | - | - | |
| FREEMOLO | - | - | - | - | - | 15.9 | 17.3 | 13.9 | T | - | - | - | 47.1 | |
| GREENWOOD LAKE | - | - | - | T | - | - | 37.6 | 27.0 | 14.0 | T | - | - | - | |
| HAMMONTON 2 NNE | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| HIGH POINT PARK | - | - | - | T | - | - | 29.5 | 29.0 | 13.0 | 10.0 | - | - | - | |
| HIGHTSTOWN 1 N | - | - | - | - | - | 21.3 | 17.8 | 11.5 | T | - | - | - | 50.6 | |
| INOIAN MILLS 2 W | - | - | - | T | - | 15.5 | 18.4 | 10.0 | T | - | - | - | 43.9 | |
| IRVINGTON | - | - | - | - | - | - | 20.5 | 23.0 | - | - | - | - | - | |
| JERSEY CITY | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| LAMBERTVILLE | - | - | - | T | - | 21.5 | 24.0 | 17.0 | 1.0 | - | - | - | 63.5 | |
| LAURELTON 1 E | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| LAYTON 3 NW | - | - | - | - | T | 21.6 | 28.1 | 26.4 | 10.4 | 9.5 | - | - | 96.0 | |
| LITTLE FALLS | - | - | - | - | - | 20.4 | 22.8 | 17.9 | 6.7 | .2 | - | - | 68.0 | |
| LONG BRANCH | - | - | - | - | - | 16.4 | 20.7 | 8.5 | T | T | - | - | 45.6 | |
| LONG VALLEY | - | - | - | - | - | 21.0 | 22.0 | 18.0 | 2.0 | 2.0 | - | - | 65.0 | |
| MACOPIN INTAKE | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MANHAW | - | - | - | T | - | 22.0 | 32.0 | - | 12.0 | 2.0 | - | - | - | |
| MANVILLE | - | - | - | - | - | 21.0 | 16.0 | 22.0 | T | T | - | - | 59.0 | |
| MAYS LANDING | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MIDLAND PARK | - | - | - | T | - | - | 31.0 | - | - | 1.0 | - | - | - | |
| MILLVILLE | - | - | - | - | - | - | 13.5 | 10.5 | T | - | - | - | - | |
| MILLVILLE FAA AIRPORT | - | - | - | - | T | 15.0 | 22.0 | 8.1 | T | - | - | - | 45.1 | |
| MILTON | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MOORESTOWN | - | - | - | - | - | 19.0 | 21.0 | 13.5 | .5 | T | - | - | 54.0 | |
| MORRIS PLAINS | - | - | - | T | T | 27.0 | 29.6 | 19.4 | - | 4.5 | - | - | - | |
| NEWARK WB AIRPORT | - | - | - | T | - | 24.0 | 22.2 | 23.3 | 4.0 | T | - | - | 73.5 | |
| NEW BRUNSWICK EXP STA | - | - | - | - | - | 20.3 | 17.1 | 21.5 | T | T | - | - | 58.9 | |
| NEW MILFORD | - | - | - | - | - | - | - | - | - | T | - | - | - | |
| NEW MONMOUTH | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| NEWTON | - | - | - | - | - | 18.0 | 32.0 | 19.8 | 4.5 | 6.0 | - | - | 80.3 | |
| OAK RIDGE RESERVOIR | - | - | - | - | - | 23.0 | 31.0 | 29.0 | 10.0 | 7.0 | - | - | 100.0 | |
| OLWICK | - | - | - | - | - | 21.6 | 22.0 | - | - | - | - | - | - | |
| ORANGE | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| PATERSON | - | - | - | T | - | 22.5 | 32.5 | 23.7 | 6.3 | .1 | - | - | 85.1 | |
| PEMBERTON 3 E | - | - | - | - | - | 16.6 | 14.8 | 5.7 | - | - | - | - | 37.1 | |
| PHILLIPSBURG | - | - | - | - | - | 14.0 | 18.0 | 15.0 | 2.0 | T | - | - | 49.0 | |
| PHILLIPSBURG BRIDGE | - | - | - | T | - | 15.3 | 20.0 | - | - | T | - | - | - | |
| PLAINFIELD | - | - | - | T | - | 25.0 | 20.5 | 18.8 | 2.0 | .5 | - | - | 66.8 | |
| PRINCETON WATER WORKS | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| RAHWAY | - | - | - | T | - | 24.9 | 23.9 | 23.4 | .8 | T | - | - | 73.0 | |
| RINGWOOD | - | - | - | - | - | - | 27.5 | 20.3 | 11.8 | .5 | - | - | - | |
| SHILOH | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| SOMERVILLE | - | - | - | - | - | 17.3 | 15.0 | 15.0 | .8 | T | - | - | 48.1 | |
| SPLIT ROCK POND | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| SUSSEX | - | - | - | T | - | 12.0 | 21.0 | 32.0 | 8.0 | 6.0 | - | - | 79.0 | |
| TOMS RIVER | - | - | - | - | - | 10.5 | 18.7 | - | - | - | - | - | - | |
| TRENTON WB CITY | - | - | - | T | - | 21.5 | 16.1 | 10.5 | .4 | T | - | - | 48.5 | |
| TUCKERTON | - | - | - | - | - | 7.5 | 18.0 | 3.4 | - | - | - | - | 28.9 | |
| WANAQUE RAYMOND DAM | - | - | - | - | - | 22.0 | 24.0 | 23.8 | 9.5 | .5 | - | - | 79.8 | |
| WERTSVILLE | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| WESTFIELD | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| WEST WHARTON | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| WOODCLIFF LAKE | - | - | - | - | - | - | - | - | - | T | - | - | - | |
| WOODSTOWN | - | - | - | T | - | 13.0 | 12.2 | 11.1 | - | - | - | - | - | |

See Reference Notes Following Station Index

DAILY TEMPERATURES

NEW JERSEY
JUNE 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX | 81 | 90 | 78 | 77 | 78 | 82 | 72 | 84 | 84 | 85 | 81 | 84 | 92 | 88 | 66 | 71 | 76 | 79 | 81 | 83 | 72 | 81 | 82 | 75 | 74 | 78 | 67 | 77 | 82 | 90 | 79.7 | |
| | MIN | 57 | 65 | 61 | 52 | 53 | 61 | 57 | 57 | 68 | 65 | 62 | 65 | 70 | 58 | 55 | 50 | 48 | 54 | 56 | 58 | 65 | 65 | 62 | 59 | 55 | 62 | 57 | 53 | 56 | 64 | 59.0 | |
| ATLANTIC CITY | MAX | 66 | 85 | 77 | 69 | 68 | 73 | 64 | 73 | 78 | 81 | 74 | 72 | 76 | 84 | 67 | 68 | 72 | 71 | 71 | 69 | 72 | 73 | 74 | 70 | 75 | 67 | 73 | 75 | 86 | 73.0 | | |
| | MIN | 58 | 61 | 61 | 55 | 58 | 60 | 57 | 58 | 64 | 62 | 60 | 62 | 67 | 58 | 57 | 56 | 58 | 60 | 61 | 62 | 65 | 64 | 64 | 62 | 61 | 65 | 61 | 59 | 62 | 64 | 60.7 | |
| AUDUBON | MAX | 82 | 90 | 79 | 79 | 83 | 85 | 79 | 86 | 85 | 86 | 89 | 91 | 94 | 90 | 70 | 74 | 80 | 83 | 84 | 87 | 73 | 81 | 86 | 78 | 79 | 78 | 71 | 84 | 87 | 90 | 82.8 | |
| | MIN | 58 | 70 | 61 | 51 | 53 | 62 | 63 | 57 | 69 | 68 | 65 | 64 | 72 | 61 | 54 | 51 | 49 | 53 | 58 | 57 | 64 | 66 | 60 | 62 | 58 | 60 | 59 | 56 | 59 | 63 | 60.1 | |
| BELLEPLAIN STA FOREST | MAX | 80 | 90 | 88 | 77 | 82 | 82 | 87 | 87 | 85 | 87 | 86 | 85 | 93 | 89 | 86 | 74 | 78 | 81 | 82 | 85 | 80 | 82 | 82 | 76 | 77 | 78 | 71 | 79 | 82 | 90 | 82.7 | |
| | MIN | 57 | 66 | 63 | 47 | 53 | 61 | 58 | 56 | 67 | 67 | 61 | 65 | 69 | 69 | 53 | 47 | 40 | 48 | 56 | 52 | 64 | 64 | 55 | 57 | 48 | 57 | 60 | 47 | 50 | 57 | 57.1 | |
| BELVIDERE | MAX | 79 | 85 | 83 | 79 | 82 | 87 | 83 | 77 | 78 | 85 | 87 | 87 | 92 | 85 | 70 | 72 | 79 | 80 | 83 | 83 | 81 | 75 | 82 | 81 | 78 | 75 | 75 | 81 | 86 | 89 | 81.3 | |
| | MIN | 56 | 64 | 63 | 44 | 50 | 60 | 58 | 56 | 64 | 67 | 62 | 65 | 64 | 66 | 50 | 41 | 44 | 48 | 55 | 56 | 63 | 75 | 82 | 81 | 50 | 54 | 57 | 55 | 56 | 63 | 57.1 | |
| BOONTON 2 SE | MAX | 75 | 78 | 82 | 74 | 76 | 79 | 85 | 75 | 76 | 75 | 82 | 84 | 88 | 93 | 85 | 65 | 72 | 79 | 79 | 80 | 82 | 72 | 75 | 83 | 73 | 78 | 75 | 73 | 82 | 84 | 78.6 | |
| | MIN | 58 | 58 | 64 | 45 | 52 | 59 | 58 | 52 | 58 | 68 | 60 | 64 | 65 | 67 | 53 | 45 | 44 | 48 | 53 | 55 | 64 | 64 | 57 | 62 | 50 | 56 | 55 | 53 | 56 | 62 | 56.6 | |
| BURLINGTON | MAX | 83 | 92 | 88 | 80 | 85 | 86 | 85 | 86 | 86 | 86 | 89 | 94 | 94 | 92 | 74 | 74 | 81 | 84 | 86 | 88 | 85 | 79 | 87 | 82 | 82 | 78 | 75 | 85 | 86 | 92 | 84.8 | |
| | MIN | 44 | 44 | 44 | 48 | 55 | 56 | 55 | 54 | 54 | 54 | 53 | 64 | 74 | 66 | 55 | 53 | 50 | 56 | 59 | 59 | 64 | 64 | 61 | 63 | 58 | 62 | 60 | 56 | 62 | 65 | 57.1 | |
| CANOE BROOK | MAX | 76 | 80 | 86 | 78 | 78 | 83 | 87 | 75 | 80 | 80 | 85 | 85 | 89 | 95 | 85 | 67 | 73 | 80 | 82 | 85 | 85 | 72 | 75 | 89 | 75 | 80 | 77 | 73 | 82 | 87 | 80.6 | |
| | MIN | 51 | 60 | 71 | 50 | 60 | 57 | 56 | 51 | 57 | 58 | 58 | 63 | 64 | 68 | 53 | 43 | 43 | 47 | 56 | 54 | 62 | 63 | 58 | 62 | 62 | 53 | 58 | 55 | 55 | 64 | 57.1 | |
| CAPE MAY 3 W | MAX | 72 | 78 | 80 | 78 | 70 | | 80 | 79 | 80 | 81 | 81 | 77 | 81 | 85 | 85 | 76 | 72 | 79 | 74 | 79 | 72 | 78 | 77 | 72 | 74 | 73 | 74 | 73 | 74 | 84 | 77.2 | |
| | MIN | 54 | 61 | 61 | 57 | 53 | | 59 | 57 | 64 | 63 | 62 | 59 | 59 | 54 | 55 | 53 | 55 | 57 | 59 | 59 | 63 | 62 | 63 | 62 | 59 | 60 | 61 | 56 | 59 | 63 | 58.9 | |
| CHARLOTTEBURG | MAX | 74 | 77 | 83 | 72 | 75 | 80 | 84 | 75 | 76 | 74 | 82 | 83 | 88 | 90 | 72 | 66 | 71 | 79 | 79 | 80 | 82 | 70 | 73 | 81 | 73 | 74 | 73 | 72 | 80 | 83 | 77.4 | |
| | MIN | 48 | 56 | 61 | 49 | 50 | 58 | 57 | 50 | 53 | 66 | 60 | 57 | 63 | 66 | 49 | 44 | 42 | 47 | 54 | 55 | 58 | 62 | 55 | 57 | 53 | 47 | 56 | 53 | 57 | 64 | 54.9 | |
| CHATSWORTH | MAX | 81 | 92 | 90 | 78 | 83 | 82 | 80 | 86 | 84 | 85 | 85 | 90 | 92 | 87 | 80 | 79 | 79 | 82 | 84 | 85 | 81 | 78 | 83 | 79 | 77 | 75 | 70 | 79 | 80 | 90 | 82.6 | |
| | MIN | 58 | 64 | 65 | 47 | 48 | 58 | 63 | 53 | 68 | 67 | 63 | 62 | 70 | 69 | 53 | 50 | 43 | 48 | 53 | 52 | 64 | 65 | 58 | 58 | 51 | 60 | 59 | 53 | 56 | 62 | 58.0 | |
| CLAYTON | MAX | 78 | 83 | 80 | 79 | 78 | 81 | 79 | 81 | 80 | 85 | 88 | 88 | 91 | 85 | 72 | 71 | 75 | 79 | 82 | 87 | 80 | 80 | 84 | 78 | 81 | 78 | 72 | 78 | 85 | 86 | 80.8 | |
| | MIN | 65 | 71 | 64 | 53 | 53 | 61 | 56 | 64 | 69 | 64 | 69 | 67 | 72 | 64 | 53 | 48 | 48 | 59 | 57 | 58 | 57 | 58 | 63 | 63 | 59 | 59 | 54 | 59 | 61 | 63 | 60.4 | |
| ELIZABETH | MAX | 79 | 88 | 85 | 78 | 85 | 87 | 83 | 78 | 81 | 85 | 85 | 88 | 96 | 88 | 67 | 74 | 80 | 83 | 85 | 87 | 83 | 73 | 82 | 79 | 80 | 77 | 73 | 81 | 88 | 91 | 82.3 | |
| | MIN | 58 | 68 | 64 | 47 | 55 | 60 | 62 | 55 | 66 | 68 | 64 | 64 | 68 | 64 | 52 | 48 | 48 | 53 | 57 | 57 | 64 | 64 | 60 | 60 | 58 | 57 | 59 | 52 | 58 | 64 | 59.1 | |
| ESSEX FIELDS SERV BLDG | MAX | 78 | 80 | 87 | 76 | 78 | 84 | 88 | 75 | 86 | 77 | 86 | 85 | 90 | 97 | 84 | 68 | 73 | 79 | 83 | 84 | 86 | 73 | 75 | 83 | 75 | 78 | 77 | 74 | 84 | 88 | 80.8 | |
| | MIN | 53 | 60 | 65 | 44 | 53 | 60 | 57 | 51 | 57 | 68 | 60 | 63 | 60 | 69 | 53 | 44 | 44 | 50 | 55 | 56 | 56 | 63 | 57 | 57 | 51 | 53 | 59 | 56 | 55 | 64 | 56.4 | |
| FLEMINGTON 1 NE | MAX | 82 | 88 | 82 | 79 | 84 | 88 | 86 | 82 | 80 | 88 | 89 | 92 | 95 | 90 | 70 | 77 | 82 | 83 | 87 | 88 | 83 | 80 | 86 | 77 | 80 | 79 | 76 | 86 | 88 | 91 | 83.9 | |
| | MIN | 55 | 64 | 64 | 41 | 47 | 56 | 57 | 53 | 64 | 68 | 59 | 64 | 64 | 66 | 52 | 44 | 41 | 45 | 54 | 52 | 60 | 63 | 54 | 61 | 49 | 53 | 58 | 53 | 55 | 64 | 56.0 | |
| FREEHOLD | MAX | 80 | 88 | 84 | 78 | 83 | 84 | 78 | 83 | 82 | 84 | 83 | 88 | 92 | 86 | 69 | 72 | 78 | 81 | 83 | 85 | 79 | 76 | 83 | 78 | 78 | 76 | 72 | 80 | 85 | 90 | 81.3 | |
| | MIN | 57 | 68 | 63 | 47 | 52 | 59 | 61 | 53 | 67 | 67 | 63 | 61 | 70 | 70 | 52 | 48 | 46 | 56 | 54 | 54 | 62 | 62 | 62 | 64 | 53 | 59 | 58 | 55 | 58 | 60 | 58.7 | |
| HAMMONTON 2 NNE | MAX | 81 | 91 | 76 | 79 | 77 | 83 | 83 | 79 | 88 | 84 | 81 | 87 | 90 | 95 | 89 | 67 | 73 | 73 | 84 | 85 | 83 | 73 | 80 | | 87 | 80 | 77 | 68 | 82 | 85 | 81.4 | |
| | MIN | 61 | 65 | 51 | 56 | 55 | 52 | 61 | 56 | 60 | 68 | 60 | 65 | 65 | 71 | 54 | 50 | 48 | 53 | 58 | 57 | 64 | 64 | 61 | | 57 | 62 | 60 | 55 | 55 | 59 | 58.7 | |
| HIGH POINT PARK | MAX | 75 | 76 | 83 | 67 | 79 | 81 | 86 | 75 | 77 | 72 | 80 | 81 | 88 | 90 | 76 | 64 | 70 | 78 | 79 | 79 | 81 | 64 | 68 | 77 | 74 | 74 | 73 | 76 | | 85 | 76.8 | |
| | MIN | 38 | 52 | 61 | 42 | 49 | 58 | 51 | 51 | 59 | 62 | 59 | 61 | 64 | 64 | 42 | 37 | 46 | 52 | 53 | 57 | 59 | 58 | 54 | 54 | 54 | 48 | 51 | 52 | 57 | | 53.3 | |
| HIGHTSTOWN 1 N | MAX | 82 | 91 | 87 | 80 | 85 | 88 | 74 | 85 | 80 | 85 | 86 | 90 | 95 | 92 | 69 | 73 | 79 | 85 | 88 | 87 | 74 | 80 | 85 | 80 | 80 | 76 | 71 | 82 | 88 | 92 | 83.0 | |
| | MIN | 57 | 69 | 65 | 45 | 52 | 63 | 60 | 53 | 66 | 68 | 63 | 63 | 70 | 66 | 53 | 49 | 46 | 51 | 56 | 56 | 63 | 65 | 62 | 59 | 54 | 58 | 59 | 56 | 56 | 61 | 58.8 | |
| INDIAN MILLS 2 W | MAX | 80 | 90 | 80 | 78 | 82 | 82 | 77 | 85 | 82 | 85 | 87 | 90 | 93 | 88 | 68 | 73 | 80 | 82 | 83 | 85 | 73 | 77 | 84 | 75 | 78 | 76 | 69 | 81 | 85 | 90 | 81.3 | |
| | MIN | 57 | 68 | 64 | 43 | 48 | 60 | 58 | 54 | 67 | 67 | 63 | 62 | 70 | 65 | 53 | 47 | 42 | 48 | 55 | 53 | 62 | 65 | 56 | 59 | 52 | 58 | 59 | 51 | 52 | 61 | 57.3 | |
| JERSEY CITY | MAX | 75 | 85 | 75 | 76 | 81 | 85 | 73 | 70 | 77 | 84 | 86 | 87 | 90 | 86 | 65 | 70 | 74 | 80 | 81 | 84 | 78 | 71 | 76 | 72 | 72 | 75 | 69 | 77 | 84 | 90 | 78.3 | |
| | MIN | 60 | 65 | 59 | 52 | 59 | 63 | 57 | 54 | 66 | 67 | 65 | 63 | 70 | 53 | 51 | 50 | 54 | 56 | 63 | 62 | 62 | 60 | 63 | 64 | 60 | 59 | 59 | 59 | 62 | 66 | 60.1 | |
| LAMBERTVILLE | MAX | 80 | 87 | 86 | 78 | 83 | 86 | 84 | 83 | 80 | 85 | 90 | 90 | 94 | 88 | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
JUNE 1961

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 80 | 88 | 84 | 77 | 78 | 80 | 83 | 84 | 81 | 84 | 85 | 87 | 90 | 88 | 75 | 72 | 77 | 79 | 80 | 83 | 80 | 78 | 81 | 78 | 76 | 75 | 69 | 78 | 79 | 88 | 80.6 | |
| | MIN | 58 | 68 | 64 | 52 | 52 | 61 | 61 | 57 | 66 | 68 | 65 | 64 | 71 | 69 | 54 | 51 | 51 | 53 | 57 | 58 | 64 | 65 | 60 | 60 | 55 | 61 | 59 | 55 | 55 | 62 | 59.9 | |
| SOMERVILLE | MAX | 79 | 86 | 86 | 77 | 83 | 86 | 84 | 78 | 79 | 86 | 86 | 88 | 93 | 87 | 69 | 74 | 80 | 82 | 84 | 85 | 83 | 78 | 85 | 79 | 79 | 77 | 75 | 83 | 86 | 90 | 82.2 | |
| | MIN | 66 | 67 | 67 | 44 | 50 | 58 | 62 | 56 | 66 | 69 | 62 | 64 | 65 | 69 | 53 | 49 | 44 | 48 | 53 | 55 | 63 | 65 | 59 | 60 | 50 | 54 | 59 | 55 | 56 | 61 | 58.3 | |
| SUSSEX | MAX | 75 | 79 | 86 | 71 | 78 | 83 | 86 | 80 | 79 | 75 | 82 | 86 | 88 | 88 | 79 | 65 | 72 | 77 | 76 | 81 | 82 | 72 | 70 | 82 | 74 | 78 | 72 | 79 | 81 | 86 | 78.7 | |
| | MIN | 40 | 45 | 60 | 45 | 53 | 56 | 56 | 55 | 57 | 65 | 59 | 65 | 66 | 65 | 51 | 42 | 45 | 47 | 53 | 56 | 59 | 62 | 55 | 55 | 50 | 52 | 58 | 56 | 55 | 59 | 54.7 | |
| TOMS RIVER | MAX | 85 | 92 | 90 | 76 | 89 | 86 | 73 | 83 | 90 | 88 | 84 | 89 | 94 | 86 | 80 | 69 | 82 | 80 | 86 | 92 | 84 | 76 | 82 | 78 | 77 | 78 | 72 | 78 | 80 | 82.7 | | |
| | MIN | 60 | 70 | 66 | 45 | 53 | 55 | 58 | 53 | 65 | 66 | 64 | 63 | 71 | 68 | 54 | 45 | 45 | 53 | 56 | 59 | 63 | 67 | 65 | 60 | 58 | 68 | 68 | 60 | 60 | 59.9 | | |
| TRENTON W8 CITY | MAX | 80 | 88 | 73 | 75 | 82 | 86 | 73 | 83 | 80 | 84 | 85 | 90 | 94 | 88 | 68 | 72 | 79 | 82 | 83 | 86 | 71 | 78 | 84 | 75 | 78 | 75 | 69 | 81 | 86 | 91 | 80.6 | |
| | MIN | 60 | 71 | 58 | 51 | 57 | 64 | 56 | 56 | 69 | 69 | 64 | 62 | 73 | 52 | 52 | 52 | 54 | 58 | 62 | 60 | 64 | 66 | 63 | 62 | 60 | 60 | 58 | 58 | 63 | 65 | 60.6 | |
| TUCKERTON | MAX | 77 | 90 | 90 | 73 | 80 | 81 | 80 | 80 | 80 | 86 | 87 | 86 | 90 | 88 | 75 | 68 | 74 | 80 | 80 | 80 | 76 | 79 | 80 | 75 | 76 | 76 | 70 | 74 | 80 | 90 | 80.0 | |
| | MIN | 57 | 62 | 65 | 47 | 51 | 61 | 61 | 56 | 66 | 64 | 63 | 62 | 69 | 68 | 53 | 47 | 44 | 52 | 57 | 58 | 64 | 63 | 60 | 58 | 52 | 68 | 61 | 50 | 54 | 63 | 58.5 | |
| WOODSTOWN | MAX | 81 | 90 | 84 | 79 | 82 | 83 | 81 | 86 | 83 | 85 | 89 | 91 | 93 | 89 | 79 | | | | 82 | 83 | 85 | 80 | 80 | 84 | 78 | 80 | 74 | 81 | 84 | 91 | 83.6 | |
| | MIN | 58 | 70 | 65 | 51 | 52 | 62 | 61 | 57 | 68 | 68 | 63 | 64 | 70 | 71 | 53 | | | 52 | 56 | 56 | 64 | 65 | 59 | | 55 | 59 | 62 | 55 | 56 | 62 | 60.5 | |

EVAPORATION AND WIND

NEW JERSEY
JUNE 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| CANOE BROOK | EVAP | .22 | .13 | .27 | .00 | .20 | .22 | .19 | .19 | * | * | .27 | .21 | .15 | .21 | .16 | .14 | .18 | .18 | .22 | .22 | .22 | .00 | .07 | .18 | .13 | .15 | .11 | .08 | .17 | .20 | 4.67 | |
| | WIND | 47 | 34 | 9 | 19 | 35 | 33 | 19 | 27 | 19 | 26 | 27 | 36 | 11 | 13 | 52 | 36 | 20 | 12 | 17 | 31 | 25 | 58 | 16 | 31 | 12 | 26 | 14 | 9 | 13 | 19 | 746 | |
| PEMBERTON 3 E | EVAP | .20 | .37 | .11 | .13 | .31 | .11 | .27 | .13 | .20 | .39 | - | .23 | .19 | .23 | .20 | .17 | .28 | .28 | .22 | .33 | .05 | .05 | .18 | .19 | .12 | .25 | .06 | .12 | .22 | .25 | B6.04 | |
| | WIND | 44 | 84 | 26 | 24 | 35 | 33 | 43 | 27 | 48 | 71 | 27 | 35 | 21 | 34 | 40 | 16 | 15 | 29 | 33 | 44 | 48 | 60 | 25 | 43 | 33 | 27 | 15 | 12 | 16 | 38 | 1046 | |
| | MAX | 86 | 91 | 85 | 85 | 91 | 89 | 87 | 91 | 90 | 86 | 93 | 97 | 100 | 92 | 86 | 85 | 90 | 92 | 91 | 89 | 88 | 83 | 92 | 87 | 85 | 86 | 82 | 88 | 93 | 98 | 89.3 | |
| | MIN | 60 | 68 | 71 | 57 | 60 | 63 | 72 | 60 | 70 | 70 | 69 | 72 | 85 | 85 | 59 | 56 | 55 | 61 | 61 | 60 | 66 | 66 | 68 | 72 | 59 | 65 | 53 | 61 | 62 | 66 | 65.1 | |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 72 | 78 | 70 | 78 | 74 | 80 | 80 | 79 | 73 | 78 | 90 | 87 | 90 | 86 | 75 | 83 | 81 | 86 | 86 | 89 | 71 | 76 | 84 | 71 | 81 | 78 | 75 | 78 | 82 | 83 | 79.8 | |
| | MIN | 58 | 63 | 62 | 58 | 60 | 62 | 62 | 62 | 68 | 68 | 65 | 68 | 70 | 66 | 64 | 59 | 59 | 61 | 62 | 62 | 66 | 66 | 70 | 65 | 64 | 64 | 65 | 63 | 65 | 66 | 63.8 | |
| 2 INCHES | MAX | 71 | 78 | 69 | 75 | 74 | 80 | 79 | 78 | 72 | 77 | 88 | 86 | 89 | 83 | 75 | - | - | - | - | - | - | 75 | 82 | - | 79 | 78 | 74 | 77 | 82 | 82 | 78.9 | |
| | MIN | 57 | 63 | 62 | 57 | 60 | 62 | 62 | 62 | 67 | 67 | 65 | 68 | 69 | 66 | 64 | - | - | - | - | - | - | 68 | 70 | - | 63 | 64 | 64 | 63 | 64 | 66 | 64.2 | |
| 4 INCHES | MAX | 71 | 78 | 69 | 73 | 74 | 80 | 78 | 78 | 72 | 76 | 85 | 84 | 88 | 84 | 85 | - | - | - | - | - | - | 73 | 81 | - | 78 | 78 | 74 | 77 | 82 | 83 | 78.3 | |
| | MIN | 57 | 63 | 61 | 57 | 60 | 62 | 62 | 62 | 67 | 67 | 65 | 68 | 69 | 66 | 65 | - | - | - | - | - | - | 66 | 71 | - | 63 | 64 | 64 | 62 | 64 | 66 | 63.3 | |
| 8 INCHES | MAX | 61 | 64 | 64 | 65 | 66 | 66 | 66 | 66 | 66 | 68 | 70 | 72 | 71 | 72 | 68 | 69 | 69 | 70 | 70 | 68 | 64 | 71 | 70 | 70 | 70 | 69 | 70 | 71 | 71 | 68.2 | | |
| | MIN | 59 | 61 | 63 | 61 | 62 | 64 | 65 | 64 | 65 | 65 | 66 | 67 | 69 | 69 | 67 | 64 | 64 | 65 | 66 | 66 | 67 | 67 | 67 | 69 | 67 | 67 | 66 | 67 | 67 | 69 | 65.5 | |
| 16 INCHES | MAX | 58 | 58 | 60 | 60 | 61 | 61 | 63 | 62 | 63 | 63 | 64 | 65 | 66 | 67 | 67 | 65 | 65 | 65 | 65 | 66 | 65 | 66 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 67 | 64.4 | |
| | MIN | 57 | 58 | 60 | 60 | 60 | 61 | 62 | 62 | 62 | 63 | 63 | 64 | 65 | 66 | 66 | 67 | 64 | 64 | 64 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 | 65 | 65 | 66 | 63.5 | |
| 32 INCHES | MAX | 55 | 55 | 56 | 57 | 57 | 57 | 59 | 59 | 59 | 59 | 59 | 60 | 61 | 62 | 63 | 62 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 63 | 63 | 64 | 64 | 64 | 64 | 63 | 60.7 | |
| | MIN | 54 | 55 | 55 | 56 | 57 | 57 | 58 | 58 | 58 | 59 | 59 | 59 | 60 | 61 | 62 | 61 | 61 | 61 | 61 | 61 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 62 | 62 | 63 | 59.9 | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 77 | 87 | 73 | 81 | 86 | 88 | 82 | 83 | 77 | 81 | 89 | 93 | 97 | 91 | 93 | 82 | 90 | 92 | 91 | 92 | 77 | 77 | 85 | 77 | 83 | 78 | 75 | 81 | 85 | 88 | 83.6 | |
| | MIN | 57 | 64 | 63 | 54 | 58 | 63 | 63 | 61 | 68 | 68 | 65 | 68 | 70 | 63 | 60 | 55 | 56 | 60 | 63 | 63 | 67 | 67 | 64 | 64 | 60 | 63 | 64 | 61 | 63 | 65 | 62.7 | |
| 2 INCHES | MAX | 76 | 86 | 73 | 80 | 85 | 87 | 81 | 82 | 77 | 80 | 88 | 91 | 95 | 90 | 73 | 82 | 89 | 91 | 90 | 91 | 72 | 76 | 84 | 77 | 82 | 78 | 74 | 81 | 85 | 88 | 82.8 | |
| | MIN | 57 | 64 | 63 | 54 | 58 | 63 | 63 | 61 | 68 | 68 | 65 | 68 | 71 | 64 | 61 | 55 | 56 | 60 | 63 | 63 | 67 | 67 | 64 | 64 | 60 | 63 | 64 | 61 | 63 | 65 | 62.8 | |
| 4 INCHES | MAX | 73 | 82 | 71 | 77 | 81 | 83 | 78 | 78 | 75 | 78 | 85 | 87 | 90 | 87 | 71 | 79 | 84 | 86 | 86 | 87 | 71 | 74 | 81 | 74 | 79 | 76 | 72 | 78 | 81 | 84 | 79.6 | |
| | MIN | 58 | 64 | 65 | 56 | 59 | 64 | 64 | 62 | 68 | 68 | 66 | 68 | 71 | 66 | 63 | 52 | 58 | 62 | 64 | 64 | 69 | 67 | 65 | 66 | 62 | 64 | 64 | 65 | 62 | 64 | 63.7 | |
| 8 INCHES | MAX | 66 | 73 | 68 | 69 | 72 | 74 | 72 | 71 | 70 | 72 | 72 | 78 | 80 | 79 | 69 | 72 | 75 | 77 | 77 | 77 | 71 | 71 | 75 | 71 | 73 | 72 | 69 | 72 | 75 | 76 | 72.9 | |
| | MIN | 59 | 63 | 66 | 60 | 62 | 65 | 68 | 64 | 68 | 68 | 68 | 69 | 71 | 71 | 66 | 64 | 62 | 65 | 68 | 68 | 70 | 68 | 67 | 68 | 65 | 66 | 66 | 65 | 66 | 69 | 66.1 | |

MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1960 - 1961

NEW JERSEY

| Station | July | August | September | October | November | December | January | February | March | April | May | June | Total | Long-term means July-June |
|------------------------|------|--------|-----------|---------|----------|----------|---------|----------|-------|-------|-----|------|-------|---------------------------|
| ATLANTIC CITY WB AP | 0 | 0 | 20 | 267 | 505 | 1074 | 1174 | 804 | 677 | 478 | 198 | 14 | 5211 | 4741 |
| ATLANTIC CITY | 0 | 0 | 16 | 233 | 488 | 1007 | 1115 | 795 | 706 | 540 | 290 | 21 | 5211 | |
| AUDUBON | 0 | 0 | 20 | 284 | 512 | 1104 | 1170 | 787 | 667 | 442 | 177 | 5 | 5168 | |
| BELLEPLAIN STA FOREST | 0 | 1 | 35 | 293 | | | | | | | 180 | 17 | | |
| BELVIDERE | 1 | 3 | 72 | 400 | 656 | 1266 | 1356 | 946 | 784 | 561 | 224 | 21 | 6290 | |
| BOONTON 2 SE | 3 | 6 | 72 | 384 | 617 | 1236 | 1360 | 950 | 836 | 567 | 254 | 30 | 6315 | |
| BURLINGTON | 0 | 0 | 36 | 255 | 511 | 1095 | 1167 | 809 | 650 | 457 | 150 | 3 | 5133 | |
| CANOE BROOK | 1 | 7 | 63 | 378 | 630 | 1274 | 1379 | 976 | 815 | 578 | 276 | 23 | 6400 | |
| CAPE MAY 3 W | 0 | 0 | 6 | 201 | 392 | 921 | 1020 | 784 | 623 | 448 | 185 | 6 | 4586 | |
| CHARLOTTEBURG | 16 | 13 | 117 | 433 | 657 | 1307 | 1395 | 998 | 890 | 621 | 309 | 45 | 6801 | |
| CHATSWORTH | 0 | 6 | 29 | 317 | 537 | 1131 | 1239 | 815 | 674 | 484 | 204 | 7 | 5443 | |
| CLAYTON | 0 | 0 | 20 | 318 | 555 | 1165 | 1233 | 805 | 664 | 497 | 204 | 12 | 5473 | |
| ELIZABETH | 0 | 0 | 39 | 301 | 534 | 1179 | 1278 | 890 | | 500 | 191 | 12 | | |
| ESSEX FIELDS SERV BLDG | 0 | 0 | 74 | 285 | 519 | 1187 | | | | | 210 | 24 | | |
| FLEMINGTON 1 NE | 1 | 1 | 43 | 377 | 630 | 1226 | 1332 | 917 | 742 | 541 | 224 | 17 | 6051 | |
| FREEHOLD | 0 | 0 | 34 | 300 | 516 | 1126 | 1215 | 839 | 733 | 528 | 214 | 14 | 5519 | |
| HAMMONTON 2 NNE | 0 | 0 | 20 | 287 | 502 | 1125 | 1193 | 851 | 676 | | 180 | 17 | | |
| HIGH POINT PARK | 25 | 29 | 153 | 455 | 657 | 1327 | 1430 | 1060 | 1010 | 715 | 373 | 71 | 7305 | |
| HIGHTSTOWN 1 N | 0 | 1 | 42 | 322 | 540 | 1156 | 1243 | 854 | 709 | 495 | 204 | 12 | 5578 | |
| INOIAN MILLS 2 W | 0 | 1 | 39 | 347 | 557 | 1161 | 1243 | 837 | 709 | 498 | 237 | 18 | 5647 | |
| JERSEY CITY | 0 | 0 | 49 | 305 | 542 | 1124 | 1231 | 861 | 814 | 550 | 247 | 18 | 5741 | |
| LAMBERTVILLE | 0 | 0 | 26 | 330 | 572 | 1174 | 1280 | 881 | 719 | 509 | 207 | 14 | 5712 | |
| LAURELTON 1 E | 0 | 3 | | | | | | | | 469 | | | | |
| LAYTON 3 NW | 13 | 6 | 77 | 442 | 687 | 1313 | 1482 | 996 | 831 | 610 | 309 | 48 | 6814 | |
| LITTLE FALLS | 0 | 0 | 48 | 308 | 528 | 1154 | 1234 | 879 | 754 | 526 | 231 | 11 | 5673 | |
| LONG BRANCH | 0 | 2 | 32 | 288 | 499 | 1095 | 1200 | 829 | 763 | 527 | 237 | 16 | 5488 | |
| LONG VALLEY | 5 | 6 | 97 | 429 | 689 | 1272 | 1396 | 928 | 810 | 599 | 241 | 32 | 6504 | |
| MILLVILLE | 0 | 0 | 17 | 278 | 504 | 1098 | 1168 | 826 | 663 | 446 | 175 | 13 | 5188 | |
| MILLVILLE FAA AIRPORT | 0 | 0 | 24 | 284 | 529 | 1125 | 1218 | 826 | 666 | 475 | 198 | 11 | 5356 | |
| MOORESTOWN | 0 | 0 | 36 | 341 | 568 | 1149 | 1202 | 848 | 715 | 485 | 214 | 11 | 5569 | |
| MORRIS PLAINS | 2 | 6 | 90 | 398 | 629 | 1229 | 1338 | 931 | 835 | 579 | 267 | 35 | 6339 | |
| NEWARK WB AIRPORT | 0 | 0 | 14 | 247 | 485 | 1079 | 1185 | 814 | 729 | 487 | 169 | 3 | 5212 | 5252 |
| NEW BRUNSWICK EXP STA | 0 | 0 | 30 | 300 | 528 | 1138 | 1228 | 837 | 717 | 526 | 216 | 8 | 5528 | |
| NEW MONMOUTH | | | | | | | | | | 507 | 222 | 18 | | |
| NEWTON | 9 | 7 | 114 | 467 | 680 | 1353 | 1467 | 1040 | 881 | 619 | 297 | 40 | 6974 | |
| PATERSON | 2 | 0 | 42 | 278 | 507 | 1130 | 1219 | 849 | 753 | 502 | 195 | 7 | 5484 | |
| PEMBERTON 3 E | 0 | 2 | 32 | 318 | 533 | 1141 | 1227 | 827 | 669 | 505 | 209 | 13 | 5476 | |
| PHILLIPSBURG | 0 | 0 | 39 | 336 | 555 | 1181 | 1259 | 909 | 721 | 504 | 184 | | | |
| PLAINFIELD | 0 | 0 | 33 | 299 | 565 | 1151 | 1245 | 853 | 737 | 514 | 209 | 8 | 5616 | |
| SHILOH | 0 | 0 | 20 | 252 | 490 | 1076 | 1162 | 807 | 654 | 462 | 178 | 5 | 5106 | |
| SOMERVILLE | 0 | 0 | 37 | 355 | 606 | 1214 | 1313 | 883 | 759 | 538 | 223 | 14 | 5942 | |
| SUSSEX | 11 | 13 | 117 | 425 | 659 | 1337 | 1456 | 1054 | 886 | 647 | 306 | 42 | 6953 | |
| TOMS RIVER | 0 | 6 | 45 | 346 | 535 | 1065 | 1181 | 800 | 712 | 506 | 229 | 13 | 5438 | |
| TRENTON WB CITY | 0 | 0 | 31 | 285 | 504 | 1104 | 1188 | 815 | 719 | 492 | 201 | 11 | 5350 | 5068 |
| TUCKERTON | 0 | 4 | 34 | 300 | 532 | 1102 | 1202 | 819 | 690 | 490 | 216 | 23 | 5412 | |
| WOODSTOWN | 0 | 0 | 19 | 282 | 521 | 1119 | 1221 | 830 | 656 | 455 | 190 | | | |

CLIMATOLOGICAL DATA

NEW JERSEY
DELAYED DATA

| Station | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|----------------------|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|----------------|-------|--------------------------------------|--------------|------|-------------|------------------------|------|------------|-------------|-------------|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No of Days | | |
| | | | | | | | | | | Max | | Min | | | | | | Total | Max Depth on Ground | Date | 10 or More | .50 or More | 100 or More |
| | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| MAY 1961 | 69.6M | 47.8M | 58.7M | | 84 | 15 | | | 210 | 0 | 0 | 0 | | | .85 | 27 | .0 | 0 | | | 1 | 0 | |
| ESSEX FELS SERV BLDG | 70.7 | 49.2 | 60.0 | - 2.8 | 86 | 10 | 38 | 4 | 180 | 0 | 0 | 0 | 0 | 3.15 | - 1.00 | 1.03 | 27 | .0 | 0 | | 7 | 2 | 1 |
| HAMMONTON 2 NNE | | | | | | | | | | | | | | | | | | | | | | | |

DAILY PRECIPITATION

| Station | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | |
|----------------------|--------------|-----|---|---|---|-----|---|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|-----|----|----|-----|----|----|----|----|------|-----|----|-----|-------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| JANUARY 1961 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELS SERV BLDG | | | | | | | | | | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MAY 1961 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELS SERV BLDG | | - | | | | .03 | | .45 | .22 | .22 | .48 | .01 | .23 | .24 | | | .15 | | | .07 | | | .02 | | | | | .85 | .17 | | .07 | | - |
| HAMMONTON 2 NNE | | .48 | | | | | | .42 | .17 | | | | .56 | .24 | .01 | | .14 | .03 | | | | | | | | | | 1.03 | .04 | | | | 3.15 |

DAILY TEMPERATURES

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| JANUARY 1961 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELS SERV 8LDG | MAX MIN | 38 20 | 33 15 | 32 17 | 34 18 | 33 19 | 36 20 | 40 25 | 40 29 | 39 17 | 34 16 | | | | | | | | | | | | | | | | | | | | | | |
| MAY 1961 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELS SERV BLDG | MAX MIN | | | | | 62 | 66 35 | 64 46 | 71 50 | 71 55 | 78 53 | 67 50 | 64 52 | 60 57 | 72 59 | 84 62 | 78 44 | 74 44 | 72 44 | 65 45 | 58 48 | 68 40 | 72 49 | 63 40 | | 76 50 | 83 59 | 76 42 | 57 39 | 75 51 | 70 38 | 64 37 | 69.6 47.8 |
| HAMMONTON 2 NNE | MAX MIN | 60 40 | 57 47 | 61 41 | 61 38 | 64 41 | 68 43 | 65 49 | 75 56 | 81 53 | 86 59 | 73 55 | 60 52 | 68 55 | 74 57 | 82 57 | 83 59 | 77 48 | 72 43 | 69 49 | 62 47 | 68 48 | 74 49 | 68 43 | 70 45 | 75 54 | 85 62 | 65 42 | 72 42 | 76 55 | 66 43 | 76 52 | 70.7 49.2 |

CORRECTIONS

MONTH: FEBRUARY 1961

Climatological Data Table:
High Point Park

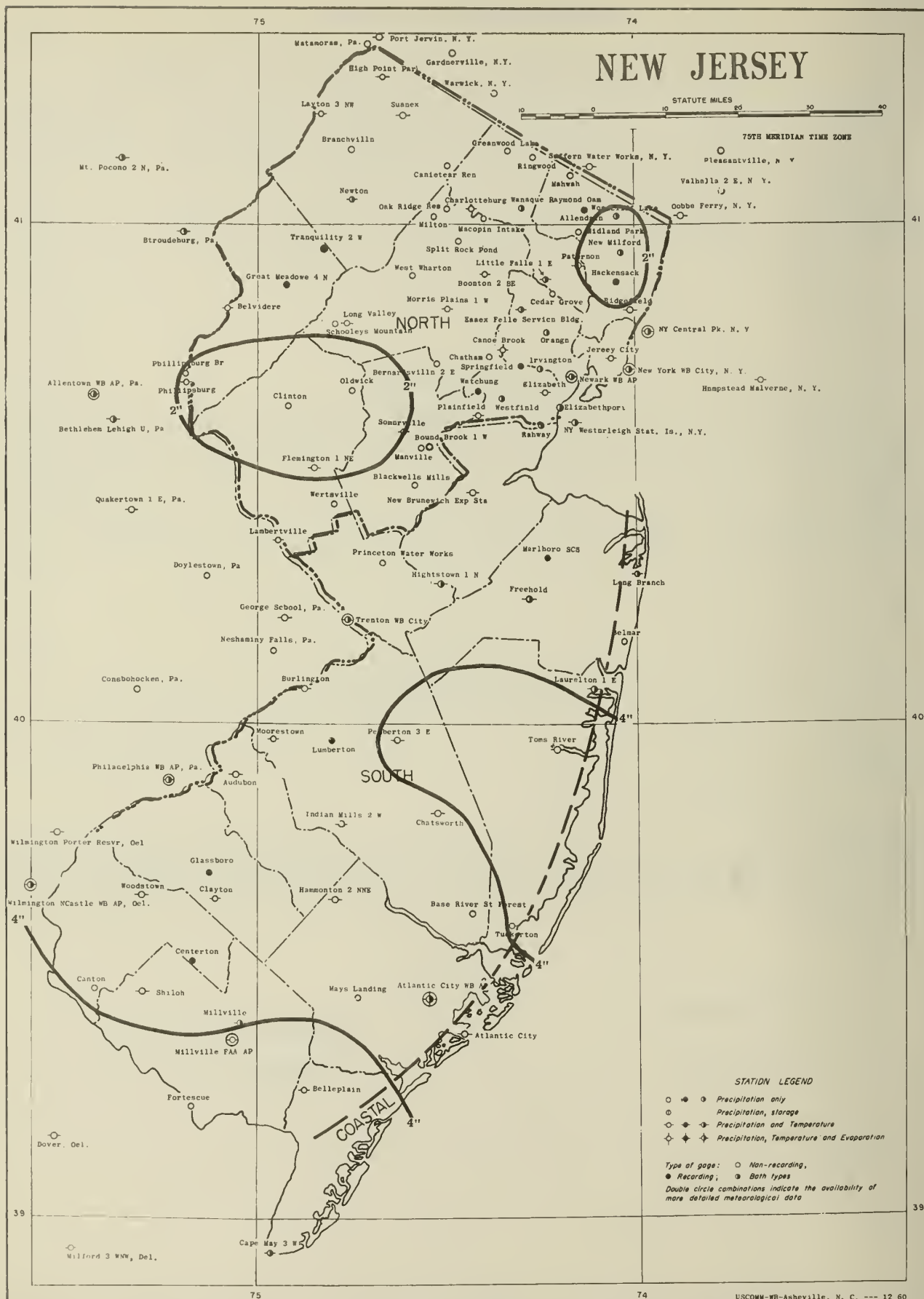
Correct as follows: Average minimum, 16.5;
average temperature, 27.0; total degree
days, 1060.

Daily Temperature Table:
High Point Park

Minimum temperature on 28th should be, 32;
average minimum, 16.5.

TOTAL PRECIPITATION

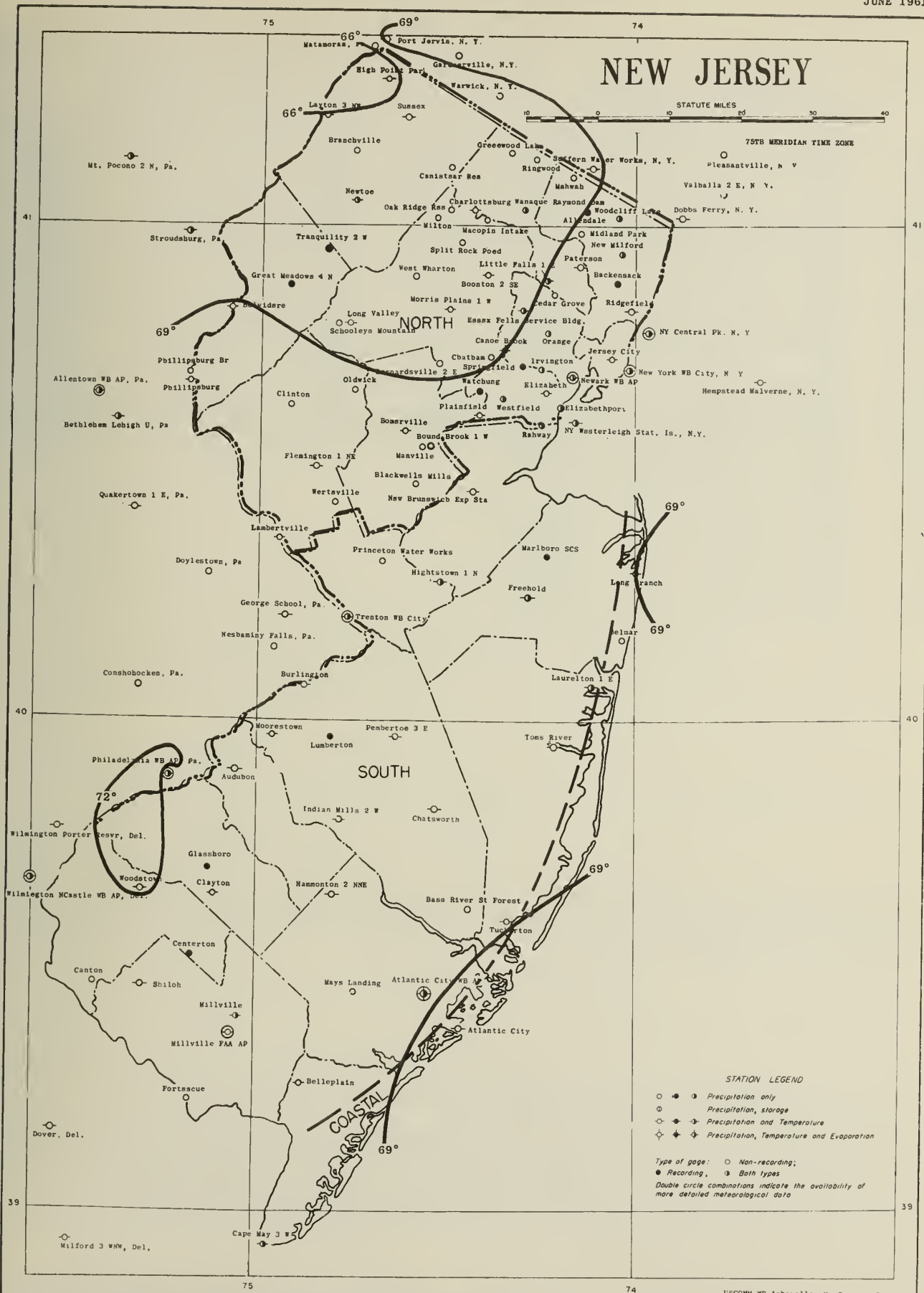
NEW JERSEY
JUNE 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
JUNE 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
JUNE 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE I | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | STATION | INDEX NO. | COUNTY | DRAINAGE I | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | | | |
|-----------------------|-----------|------------|------------|----------|-----------|-----------|-----------------------------|---------|-------|---------|----------|--------------------------|-----------------------|--------|------------|----------|-----------|-----------|-----------------------------|---------|-------|---------|----------|-------------------------|--------------------|--|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | | | |
| ALLENDALE | 0100 | BERGEN | 6 | 41 02 | 74 08 | 270 | | | | | C | BERGEN COUNTY ENGINEERS | MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MID | MID | | H | FED. AVIATION AGENCY | | |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | MID | | | C | U.S. WEATHER BUREAU | MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | H | JERSEY CITY WATER WES. | | |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | | | J | STATE MARINA | MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | H | M. J. WILLARD | | |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | H | IRVIN J. MYGREN | MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | H | JAMES C. LONG | | |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | | | | H | N.J. FORESTRY SERVICE | NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | 10 | | C | U.S. WEATHER BUREAU | | |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | | | | | BELLEPLAIN STATE FOREST | NEW BRUNSWICK EXP STA | 6067 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | GH | ARTHUR M. AHLQUIST | | |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | | BELMAR WATER WORKS | NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | C | HACKENSACK WATER CO. | | |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | | | | H | CLEMENT HAUP | NEW MONMOUTH | 6154 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | C | ST. MARYS SCHOOL | | |
| BERNARDSVILLE 2 E | 0767 | SOMERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | | BERNARDS WATER COMPANY | NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | C | NEWTON WTR. & SWR.COMM. | | |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | | HEMRY M. MILLER | OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | | | | H | NEWARK WATER DEPT. | | |
| BOONION 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | | JERSEY CITY WATER WORKS | OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | C | DAN A. COUGHLIN | | |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMID CO. | ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | C | COUNTY ENGINEER | | |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | | ALBERT M. DAVENPORT | PATERSON | 6775 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | H | P. J. DEL VECCHIO | | |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | | PUBLIC SVC. E. & G. CO. | PEMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | | SP | PHILIP E. MARUCCI | | |
| CANISLEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | | NEWARK WATER DEPARTMENT | PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | H | SEWAGE DISPOSAL PLANT | | |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | 9A | COMMONWEALTH WATER CO. | PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | C | JOINT TOLL BRIDGE COMM. | | |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | | GERTRUDE S. WILLIS | PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 6P | 6P | | H | MRS VIVIAN SCHERER | | |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | | | | | N. WEST MAGNESITE CO. | PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 20 | 74 40 | 40 | MID | | | C | PRINCETON WATER CO. | | |
| CEAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | | J. A. PLUNKETT | RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | C | RAHWAY VLY. SWG. AUTH. | | |
| CENERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | JOHN HOPKINS UNI. | RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | H | NO. JERSEY WTR. SUPPLY | | |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | | NEWARK WATER DEPT. | SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | C | EVERETT DICKINSON | | |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. HOLTER | SOMEVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | C | W. E. MAVER | | |
| CHATSWORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | | | | | EARL H. KERCHER | SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | C | JERSEY CITY O. P. W. | | |
| CLAYTON | 1708 | GLoucester | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | | HARRY P. CAMPBELL | SPLIT ROCK POND | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | C | N. J. DEPT. OF CON. | | |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | | L. W. KLOCKNER | SUSSEX | 8444 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | C | BRICE & STANTON | | |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 3 | 5P | 5P | | | | UNION CO. PARK COMM. | TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | C | TOMS RIVER WATER CO. | | |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | | SEWAGE TREATMENT PLANT | TRANQUILITY 2 W | 8856 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | C | H. J. ERVEY | | |
| ESSER FELS SERV BLOC | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | | BOROUGH ESSER FELS | TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 56 | MID | MID | | C | U.S. WEATHER BUREAU | | |
| FLEMINGTON 1 NE | 3079 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | | H. DONALD YOUNG | TUCKERTON | 8890 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | C | REV. WALTER T. GAMDEK | | |
| FORTYSCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | | JOHN LOPER | VARAQUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | C | WATER SUPPLY COMM. | | |
| FREEMOD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | | FRANK J. MOREAU | WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | C | BOHME BURN SANITARIUM | | |
| GLASSBORO | 3291 | GLoucester | 2 | 39 42 | 75 07 | 150 | | | | | | GLASSBORO STATE COLLEGE | WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | C | ROBERT M. MANNERS | | |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | | GAMMA CHEMICAL CORP. | WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | C | N. J. POWER & LIGHT CO. | | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | | GEORGE T. WIGGINS | WOODCLIFF LAKE | 9821 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | C | HACKENSACK WATER CO. | | |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | | BERGEN COUNTY ENGINEERS | WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | C | CREAM VALLEY DAIRY | |
| HANMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST | PUBLICATION ENDED | | | | | | | | | | | | | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | | N. J. DEPT. OF CON. | RIDGEFIELD | 7545 | BERGEN | 4 | 40 50 | 74 01 | 80 | | | | | | | |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | | JAMES R. PICKERING | | | | | | | | | | | | | | |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | | EDWARD ENTWISTLE | | | | | | | | | | | | | | |
| IRVINGTON | 4240 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | | JOINT MEETING GARAGE | | | | | | | | | | | | | | |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | | JERSEY CITY WATER DEPT. | | | | | | | | | | | | | | |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | E. E. CASE | | | | | | | | | | | | | | |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | | M. GEORGE G. MADGILL | | | | | | | | | | | | | | |
| LAYTON 3 NW | 4755 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | | A. W. DEPU | | | | | | | | | | | | | | |
| LITTLE FALLS | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | | | PASSAIC VLY. WTR. COMM. | | | | | | | | | | | | | | |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 74 00 | 20 | MID | MID | | | | WILLIAM O. MARTIN, JR. | | | | | | | | | | | | | | |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | | ARTHUR BARNHART | | | | | | | | | | | | | | |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | | JAMES LANTON | | | | | | | | | | | | | | |
| MACORIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | | NEWARK WATER DEPT. | | | | | | | | | | | | | | |
| MAHAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW | | | | | | | | | | | | | | |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | MID | | | | | JOHN L. RADCLIFFE | | | | | | | | | | | | | | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | | GEROW BRILL | | | | | | | | | | | | | | |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 10 | 9A | | | | | H. COUNTY EXTENSION SVC. | | | | | | | | | | | | | | |
| NIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | NID | | | | | RIDGEWOOD WATER CO. | | | | | | | | | | | | | | |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | NID | | | | L. J. GALLAHER | | | | | | | | | | | | | | |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-HAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground"; Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 8/4/61 --- 850

551.05
LN NJ

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

JULY 1961
Volume 66 No. 7



ASHEVILLE: 1961

THE LIBRARY OF THE

SEP 22 1961

UNIVERSITY OF VA

NEW JERSEY - JULY 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 98° on the 23rd at Flemington 1 NE

Lowest Temperature: 46° on the 11+ at 3 stations

Greatest Total Precipitation: 10.72 inches at Princeton Water Works

Least Total Precipitation: 2.07 inches at Bass River St Forest

Greatest One-Day Precipitation: 5.50 inches on the 29th at Long Branch

SPECIAL WEATHER SUMMARY

On July 7, in Gloucester County, West Deptford Township, on a county road, a driver was killed in a head-on accident during a period of heavy fog.

Heavy rains occurred in scattered areas over the State on the 15th, 20th, 29th and 31st. At Long Branch, on the 29th, a total of 5.50 inches of rain fell in 9 1/2 hours, with 3.30 inches of that amount falling in

a 1-hour period, a new record for the Long Branch station. Considerable property damage was done in the vicinity of Long Branch, Spring Lake, and Fort Monmouth.

Donald V. Dunlap
Weather Bureau State Climatologist
Weather Bureau Office,
% General Delivery
Trenton, New Jersey

CLIMATOLOGICAL DATA

NEW JERSEY
JULY 1961

| Station | | Temperature | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|------------------------|--|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|------------------------------------|-----------------|---------------|--------------------------------------|--------------|------|-------------|-------------------------|------|---------------|---------------|----------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | 60° or Above | 32° or Below | 32° or Below 60° or Above | 60° or Below | | | | | Total | Max. Depth on Ground | Date | 10 or More | 50 or More | 100 or More |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 84.6 | 61.5 | 73.1 | - 2.4 | 93 | 1 | 50 | 11+ | 1 | 3 | 0 | 0 | 0 | 7.10 | 1.73 | 2.62 | 20 | .0 | 0 | | 9 | 3 | 2 |
| BOONTON 2 SE | | 83.1 | 62.3 | 72.7 | - .3 | 92 | 24 | 53 | 10+ | 0 | 3 | 0 | 0 | 0 | 5.27 | 1.07 | 1.10 | 25 | .0 | 0 | | 7 | 5 | 2 |
| CANOE BROOK | | 85.0 | 61.9 | 73.5 | - .4 | 97 | 2 | 49 | 11+ | 1 | 7 | 0 | 0 | 0 | 5.29 | .67 | 1.70 | 21 | .0 | 0 | | 8 | 5 | 2 |
| CHARLOTTEBURG | | 81.6 | 60.5 | 71.1 | - .1 | 89 | 24+ | 48 | 10 | 9 | 0 | 0 | 0 | 0 | 6.65 | 1.92 | 2.00 | 21 | .0 | 0 | | 7 | 4 | 3 |
| ELIZABETH | | 85.6 | 64.8 | 75.2 | - .8 | 93 | 22+ | 54 | 11 | 0 | 5 | 0 | 0 | 0 | 10.41 | 6.03 | 4.14 | 31 | .0 | 0 | | 7 | 5 | 3 |
| ESSEX FIELDS SERV BLDG | | 84.7M | 61.7M | 73.2M | | 95 | 3 | 51 | 10 | 0 | 6 | 0 | 0 | 0 | 5.82 | 1.54 | 1.6 | 16 | .0 | 0 | | 8 | 6 | 2 |
| FLEMINGTON 1 NE | | 87.8 | 61.7 | 74.8 | - .9 | 98 | 23 | 47 | 11 | 0 | 15 | 0 | 0 | 0 | 6.77 | 2.39 | 1.88 | 15 | .0 | 0 | | 8 | 3 | 3 |
| HIGH POINT PARK | | 79.9 | 59.0 | 69.5 | | 88 | 23+ | 49 | 10+ | 15 | 0 | 0 | 0 | 0 | 3.71 | 1.11 | 1.6 | 16 | .0 | 0 | | 7 | 3 | 1 |
| JERSEY CITY | | 81.4 | 67.4 | 74.4 | - 1.3 | 95 | 2 | 58 | 8 | 0 | 2 | 0 | 0 | 0 | 4.70 | .74 | 1.90 | 20 | .0 | 0 | | 6 | 3 | 2 |
| LAMBERTVILLE | | 86.6 | 62.5 | 74.6 | - .3 | 94 | 23+ | 50 | 11 | 0 | 9 | 0 | 0 | 0 | 7.50 | 3.03 | 3.10 | 29 | .0 | 0 | | 8 | 5 | 3 |
| LAYTON 3 NW | | 84.0 | 60.2 | 72.1 | .3 | 90 | 23+ | 46 | 7 | 5 | 4 | 0 | 0 | 0 | 3.75 | - 1.16 | 1.20 | 15 | .0 | 0 | | 11 | 2 | 1 |
| LITTLE FALLS | | 87.1 | 63.4 | 75.3 | .4 | 96 | 3 | 53 | 11 | 0 | 16 | 0 | 0 | 0 | 6.92 | 2.42 | 2.04 | 25 | .0 | 0 | | 9 | 4 | 3 |
| LONG VALLEY | | 84.3 | 60.0 | 72.2 | .2 | 92 | 23+ | 46 | 11 | 2 | 4 | 0 | 0 | 0 | 7.24 | 2.10 | 1.65 | 24 | .0 | 0 | | 7 | 6 | 4 |
| MORRIS PLAINS | | 83.5 | 61.5 | 72.5 | | 94 | 3 | 50 | 11+ | 7 | 6 | 0 | 0 | 0 | 4.65 | 1.41 | 2.5 | 20 | .0 | 0 | | 8 | 3 | 2 |
| NEWARK WB AIRPORT | | R 85.8 | 68.8 | 77.3 | 2.0 | 97 | 2 | 61 | 9 | 0 | 13 | 0 | 0 | 0 | 7.95 | 3.75 | 3.15 | 20 | .0 | 0 | | 6 | 5 | 3 |
| NEWTON | | 83.8 | 59.3 | 71.6 | - .9 | 93 | 3 | 46 | 10 | 11 | 5 | 0 | 0 | 0 | 6.46 | 1.78 | 1.45 | 20 | .0 | 0 | | 8 | 5 | 3 |
| PATERSON | | 86.5 | 66.3 | 76.4 | .5 | 97 | 3 | 56 | 9 | 0 | 15 | 0 | 0 | 0 | 8.07 | 3.49 | 2.65 | 21 | .0 | 0 | | 9 | 4 | 3 |
| PHILLIPSBURG | | 88.0 | 62.5 | 75.3 | .9 | 94 | 24+ | 51 | 11 | 0 | 10 | 0 | 0 | 0 | 6.67 | 1.03 | 2.15 | 20 | .0 | 0 | | 7 | 3 | 3 |
| PLAINFIELD | | 85.1 | 64.4 | 74.8 | - .3 | 94 | 22+ | 52 | 10 | 0 | 9 | 0 | 0 | 0 | 7.47 | 2.98 | 2.69 | 20 | .0 | 0 | | 9 | 4 | 4 |
| SOMERVILLE | | 85.8 | 63.2 | 74.5 | - .2 | 93 | 23+ | 51 | 11+ | 0 | 7 | 0 | 0 | 0 | 6.82 | 2.38 | 1.35 | 20 | .0 | 0 | | 10 | 5 | 4 |
| SUSSEX | | 81.8 | 60.6 | 71.2 | - 2.2 | 90 | 3 | 51 | 10+ | 7 | 1 | 0 | 0 | 0 | 5.93 | .86 | 2.08 | 25 | .0 | 0 | | 11 | 4 | 1 |
| DIVISION | | | | 73.6 | - .6 | | | | | | | | | | 6.44 | 1.82 | | | .0 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 85.6 | 67.6 | 76.6 | 2.3 | 94 | 22+ | 56 | 7 | 0 | 9 | 0 | 0 | 0 | 3.40 | - .30 | 1.24 | 29 | .0 | 0 | | 7 | 3 | 1 |
| AUDUBON | | 86.9 | 66.2 | 76.6 | | 95 | 23 | 55 | 10 | 0 | 11 | 0 | 0 | 0 | 6.50 | 2.35 | 2.39 | 29 | .0 | 0 | | 8 | 6 | 1 |
| BELLEPLAIN STA FOREST | | 87.4 | 63.0 | 75.2 | | 95 | 22 | 51 | 11 | 0 | 12 | 0 | 0 | 0 | 5.06 | .88 | 1.53 | 9 | .0 | 0 | | 7 | 4 | 2 |
| BURLINGTON | | 88.2M | 66.2 | 77.2M | - .1 | 95 | 23+ | 56 | 11 | 0 | 12 | 0 | 0 | 0 | 10.23 | 5.99 | 3.25 | 31 | .0 | 0 | | 9 | 5 | 4 |
| CHATSWORTH | | 86.2 | 63.5 | 74.9 | | 94 | 2 | 50 | 11 | 0 | 7 | 0 | 0 | 0 | 3.36 | 1.11 | 1.11 | 29 | .0 | 0 | | 6 | 3 | 1 |
| CLAYTON | | 84.9 | 65.6 | 75.3 | | 92 | 23+ | 53 | 10+ | 0 | 6 | 0 | 0 | 0 | 6.27 | 1.35 | 2.9 | 29 | .0 | 0 | | 9 | 6 | 3 |
| FREEHOLD | | 85.4 | 64.1 | 74.8 | - .3 | 93 | 22 | 50 | 10 | 0 | 8 | 0 | 0 | 0 | 9.64 | 5.62 | 5.15 | 29 | .0 | 0 | | 10 | 5 | 2 |
| HAMMONTON 2 NNE | | 87.4 | 66.2 | 76.8 | .6 | 96 | 24+ | 55 | 7 | 0 | 13 | 0 | 0 | 0 | 5.62 | 1.43 | 1.72 | 30 | .0 | 0 | | 7 | 6 | 1 |
| HIGHTSTOWN 1 N | | 86.4 | 63.6 | 75.0 | .0 | 96 | 23 | 53 | 11+ | 0 | 12 | 0 | 0 | 0 | 8.82 | 4.57 | 3.14 | 29 | .0 | 0 | | 7 | 6 | 3 |
| INDIAN MILLS 2 W | | 86.0 | 62.5 | 74.3 | - .6 | 96 | 23 | 48 | 10 | 0 | 8 | 0 | 0 | 0 | 2.37 | - 1.47 | .84 | 29 | .0 | 0 | | 5 | 2 | 0 |
| MILLVILLE | | 85.9 | 67.3 | 76.6 | | 95 | 24+ | 58 | 9 | 0 | 7 | 0 | 0 | 0 | 6.97 | 2.86 | 2.9 | 29 | .0 | 0 | | 9 | 4 | 2 |
| MILLVILLE FAA AIRPORT | | 84.8 | 67.1 | 76.0 | | 95 | 23 | 57 | 10+ | 0 | 6 | 0 | 0 | 0 | 7.45 | 3.10 | 2.9 | 29 | .0 | 0 | | 8 | 5 | 2 |
| MOORESTOWN | | 84.6 | 65.2 | 74.9 | - .3 | 93 | 23+ | 54 | 10 | 0 | 6 | 0 | 0 | 0 | 6.46 | 2.48 | 1.60 | 30 | .0 | 0 | | 9 | 4 | 3 |
| NEW BRUNSWICK EXP STA | | 85.4 | 64.2 | 74.8 | - .3 | 92 | 22+ | 53 | 11 | 0 | 7 | 0 | 0 | 0 | 5.58 | 1.33 | 2.10 | 29 | .0 | 0 | | 8 | 3 | 3 |
| NEW MONMOUTH | | 85.6 | 64.7 | 75.2 | | 93 | 3 | 55 | 10+ | 0 | 7 | 0 | 0 | 0 | 8.15 | 4.50 | 2.9 | 29 | .0 | 0 | | 7 | 3 | 1 |
| PEMBERTON 3 E | | 87.2 | 61.8 | 74.5 | - 1.2 | 95 | 23+ | 49 | 11+ | 0 | 10 | 0 | 0 | 0 | 2.46 | - 1.89 | 1.32 | 29 | .0 | 0 | | 3 | 2 | 1 |
| SHILOH | | 85.4 | 66.4 | 75.9 | - .7 | 94 | 23 | 57 | 9+ | 0 | 4 | 0 | 0 | 0 | 4.73 | .87 | 2.12 | 29 | .0 | 0 | | 7 | 2 | 2 |
| TOMS RIVER | | 88.0 | | | | 95 | 22+ | | | 0 | 16 | 0 | 0 | 0 | 5.24 | 1.93 | 2.9 | 29 | .0 | 0 | | 6 | 3 | 2 |
| TRENTON WB CITY | | 84.6 | 66.9 | 75.8 | .5 | 96 | 23 | 58 | 7 | 0 | 5 | 0 | 0 | 0 | 9.97 | 5.91 | 3.07 | 15 | .0 | 0 | | 8 | 4 | 4 |
| TUCKERTON | | 85.0 | 64.5 | 74.8 | | 93 | 2 | 50 | 9 | 4 | 7 | 0 | 0 | 0 | 2.97 | .74 | .9 | 29 | .0 | 0 | | 7 | 1 | 0 |
| WOODSTOWN | | 87.4M | 65.4M | 76.4M | | 96 | 23+ | 54 | 10 | 0 | 10 | 0 | 0 | 0 | 5.15 | 2.10 | 2.9 | 29 | .0 | 0 | | 5 | 3 | 3 |
| DIVISION | | | | 75.6 | .1 | | | | | | | | | | 6.02 | 1.97 | | | .0 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | R 80.1 | 69.3 | 74.7 | 1.1 | 88 | 26 | 62 | 10+ | 0 | 0 | 0 | 0 | 0 | 3.36 | - .42 | 1.21 | 13 | .0 | 0 | | 5 | 3 | 2 |
| CAPE MAY 3 W | | 83.9 | 67.8 | 75.9 | | 93 | 23 | 60 | 7 | 0 | 4 | 0 | 0 | 0 | 3.38 | 1.48 | 2.9 | 29 | .0 | 0 | | 8 | 1 | 1 |
| LONG BRANCH | | R 83.1 | 66.6 | 74.9 | .3 | 95 | 2 | 57 | 11 | 0 | 6 | 0 | 0 | 0 | 9.09 | 5.00 | 5.50 | 29 | .0 | 0 | | 6 | 4 | 2 |
| DIVISION | | | | 75.2 | .5 | | | | | | | | | | 5.28 | 1.87 | | | .0 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m p. h. | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunless to sunset |
|---------------------------------|----------------|---------------------------------------|-----------------------|-----------------|---------------------------------|-------------------------|---|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-03 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | WSW | 17 | 8.1 | 25 | SE | 15 | 87 | 87 | 58 | 70 | 5 | 1 | 4 | 2 | 1 | 0 | 13 | 58 | 8.3 |
| LONG BRANCH | W | 12 | 10.3 | 35 | WSW | 3 | - | 80 | 63 | 62 | 2 | 4 | 2 | 1 | 1 | 1 | 11 | 58 | 5.4 |
| NEWARK WB AIRPORT | SW | 16 | 7.8 | 20+ | SW | 2 | 74 | 78 | 55 | 62 | 4 | 3 | 1 | 2 | 2 | 1 | 13 | - | 8.1 |
| TRENTON WB CITY & 12:00 Noon | W | - | 6.8 | 30 | S | 31 | - | - | - | - | 3 | 2 | 4 | 0 | 2 | 2 | 13 | 62 | 6.6 |

See Reference Notes Following Station Index.

NEW JERSEY
JULY 1961

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|--------------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|------|------|------|------|-----|-----|-----|------|------|------|------|------|------|------|------|-----|------|------|------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| ATLANTIC CITY WB AP | 3.40 | T | | | | | | .64 | | | | | .69 | T | .31 | .12 | T | | | | | | | .20 | T | | | | | | 1.24 | .18 |
| ATLANTIC CITY WB AP | 3.36 | | | | | | .17 | .13 | | | | .01 | .21 | .56 | .81 | .10 | .52 | | | | | | .03 | .32 | .99 | T | | | | 1.60 | T | |
| AUGUSTON | 4.50 | | | | | | | | | | | | .35 | .08 | | * | .40 | .04 | | | | | | .05 | | | | | | .37 | * | |
| BASS RIVER ST FOREST | 2.07 | | | | | | | | .78 | | | | .63 | .14 | .96 | | | | | | | | | .01 | .02 | | | | | 1.07 | * | .01 |
| BELLEPLAIN STA FOREST | 5.06 | | .20 | | | .03 | .04 | | 1.53 | | | | .02 | 1.53 | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 7.10 | | | T | | | | .29 | | | T | | .32 | .08 | 1.68 | | | | .05 | .42 | 2.62 | | | | .17 | .52 | | | | .48 | .47 | |
| BERNARDSVILLE 2 E | 5.81 | | | .05 | | | | .12 | | | | | .18 | .08 | .02 | 2.32 | .02 | .01 | | | .40 | .93 | | .03 | | | | | | .06 | .87 | |
| BLACKWELLS MILLS | 5.60 | | | | .04 | | | | | .06 | | | * | .33 | 1.05 | .06 | | | | | 1.02 | .06 | | | .19 | .53 | | | | .06 | 2.13 | |
| BOONTON 2 SE | 5.27 | | | | | .88 | | | | | | | .28 | .07 | T | 1.08 | | | T | | .27 | .80 | | | T | 1.10 | | | | .03 | .73 | |
| BOUND BROOK 1 W | 5.04 | | .23 | | | | | .03 | | | | | .39 | .10 | .02 | 1.16 | .04 | | | | | .89 | .65 | | | | .27 | T | | .10 | 1.16 | T |
| BRANCHVILLE | 5.02 | .37 | | .17 | | .18 | | .30 | | | | | .24 | .07 | | 1.15 | | .20 | | .74 | .08 | | | | | | | | 1.26 | | .26 | |
| BURLINGTON | 10.23 | | | | .02 | | | .11 | | | | | .10 | .05 | 1.60 | .09 | | | T | | .28 | 2.68 | | | | | | | | 2.30 | 3.25 | |
| CANISTEAR RESERVOIR | 6.04 | | .07 | .07 | | T | | | | | | | .22 | .04 | T | 1.55 | .03 | | | .53 | .69 | | | | | .51 | .04 | | | | | |
| CANDE BROOK | 5.29 | | | .08 | | | | | | | | | .20 | .07 | T | 1.29 | .02 | | | .52 | 1.70 | | | | | | | | | .10 | .56 | |
| CANTON | 4.14 | | .35 | | | | | | | | .02 | | .50 | .05 | .26 | 1.10 | .45 | | | | | | | | | | | | | .15 | 2.15 | |
| CAPE MAY 3 W | 3.38 | | | | | .12 | .15 | .08 | | | | | .01 | .28 | .20 | | .17 | .35 | | | | | | | | | | | | .06 | .48 | |
| CHARLOTTEBURG | 6.65 | | .06 | .01 | | | | | | | | | .20 | .04 | 1.50 | .13 | | | | | .39 | 2.00 | | | | | | | | T | .68 | |
| CHATHAM | 5.42 | | | .01 | | | | .01 | | | | | .25 | .05 | | 1.40 | | | | | .50 | 2.00 | | | | | | | | .05 | .65 | |
| CHATSORTH | 3.36 | | | | | | | | | .11 | | | .97 | .07 | .12 | .04 | .05 | | | | | .03 | | | | | .22 | | | .14 | | |
| CLAYTON | 6.27 | | .15 | T | | | | | | | | | 1.05 | .75 | .68 | .45 | .17 | | | | | | .57 | 1.03 | .07 | | | | | 1.35 | T | |
| CLINTON | 7.16 | | | .06 | | | | .03 | | | | | .36 | .12 | 1.48 | .18 | | | | .05 | 2.45 | | | | | .87 | .16 | | | .98 | .42 | |
| ELIZABETH | 10.41 | | T | .01 | | | | .23 | .06 | .47 | .07 | | .23 | .06 | .77 | .10 | .02 | | | | .43 | 1.21 | .07 | | | | | | | .08 | .48 | |
| ELIZABETHPORT | 10.12 | | .04 | | | | | .01 | | | | | .24 | .02 | 1.54 | .01 | | | T | 1.69 | | | .08 | .01 | 1.56 | | | | | .86 | 4.07 | |
| ESSEX FIELDS SERV BLOG | 5.82 | | .01 | | | | .10 | | .05 | .56 | | | .22 | .03 | .09 | 1.54 | | | | .55 | .74 | | | | | | 1.17 | .01 | | .02 | .72 | .01 |
| FLEMINGTON 1 NE | 6.77 | | .05 | .20 | | | | .08 | | | | | .45 | .17 | 1.88 | .39 | T | | | 1.63 | | | | | .45 | T | | | T | 1.47 | | |
| FORTESCUE | 3.60 | | | | | | | .19 | | | | | .67 | .20 | .22 | 1.27 | .06 | .04 | | | | | | | | | | | | .25 | .70 | |
| FREEHOLD | 9.64 | | | | .26 | | | .27 | | | | | 1.02 | | .12 | | | | | | .59 | | | .52 | .86 | | | | | 5.15 | .45 | |
| GREENWOOD LAKE | 4.25 | | .06 | .02 | .18 | | | | | | | | .15 | .07 | .02 | 1.45 | .03 | | | | .26 | .75 | | | | | | | | .70 | .56 | |
| HAMMONTON 2 NNE | 5.82 | | | | | | | | .71 | | | | .54 | .70 | .33 | .02 | .89 | | | | | | | | | .63 | | | | 1.72 | .30 | |
| HIGH POINT PARK | 3.71 | | .80 | | | | | .18 | | | | | .17 | .03 | 1.11 | | | | | .65 | | | | | .33 | .09 | .04 | .01 | | | .40 | |
| HIGHTSTOWN 1 N | 8.82 | | | | .40 | | | .62 | | | | | .77 | .08 | 1.96 | .03 | .04 | | | | 1.01 | T | | | | .03 | | | | 3.14 | .74 | |
| INDIAN HILLS 2 W | 2.37 | | .01 | T | | | | .40 | | | | | .78 | .10 | .63 | .17 | T | | | | | | .02 | .02 | T | | | | | T | .84 | |
| IRVINGTON | 5.34 | | .18 | | | T | | | | | | | .23 | | 1.02 | | | | | | 2.68 | | | | | .17 | | | | .58 | | |
| JERSEY CITY | 4.70 | | | | | | | | | | | | .14 | .04 | 1.40 | | | | | | 1.90 | | | | | .33 | | | | .54 | .35 | |
| LAMBERTVILLE | 7.50 | | | .25 | .02 | | | | | | | | .53 | .15 | 1.10 | .42 | .07 | | | | 1.07 | | | | .79 | T | | | | 3.10 | | |
| LAYTON 3 NW | 3.75 | | .14 | .54 | | .07 | | | .11 | | | | .43 | 1.20 | .20 | .04 | T | | | .14 | .10 | | | | .24 | .41 | | | | .10 | .23 | |
| LITTLE FALLS | 6.92 | | | | | .10 | | .08 | .39 | | | | .18 | .01 | .23 | 1.50 | | | | | 1.33 | 1.18 | | | | | | | | .02 | .80 | |
| LONG BRANCH | 9.09 | | | .25 | | | | | | | | | .88 | .01 | .29 | T | .01 | | | | 1.27 | | | | | .08 | .09 | | | 5.50 | .71 | |
| LONG VALLEY | 7.24 | | | | | | | | .10 | | | | .50 | | 1.45 | .05 | | | .05 | 1.30 | | .02 | | | | 1.65 | .05 | | | .82 | 1.25 | |
| MAHAM | 4.93 | | | | .03 | | | | .12 | | | | .11 | .03 | | 1.34 | .01 | | | | .21 | 1.00 | | | | | 1.58 | | | .50 | | |
| MANVILLE | 7.23 | | .02 | | | | | .01 | | 1.87 | | | 1.41 | .10 | 1.10 | | .30 | | | .06 | 1.58 | | | | | .30 | | | | 1.35 | 1.00 | |
| MAYS LANDING | 4.96 | | | | | | .02 | | | | | | .40 | .30 | .46 | .03 | .59 | | | | | | | | | .18 | .01 | | | | | |
| MIDLAND PARK | 8.20 | | .02 | | | .07 | | | | | | | .17 | 1.74 | .05 | | | | | | 2.00 | | | | | 1.38 | | .07 | | .96 | .12 | |
| MILLVILLE | 6.77 | .35 | | | | | .16 | .02 | .02 | | | | .72 | .05 | .82 | .22 | .02 | | | | | | 1.36 | .10 | | | | | | 2.86 | .20 | |
| MILLVILLE FAA AIRPORT | 7.45 | .08 | | T | | | .35 | .06 | T | | | T | .73 | | .86 | .25 | .10 | | | | | | 1.20 | .06 | | | | | T | .65 | 3.10 | .01 |
| MILTON | 5.43 | | | .12 | | | | | | | | | | | .05 | | .05 | | | | 2.06 | | | | | | | | | 1.00 | 1.00 | |
| MOORESTOWN | 6.46 | | | | .03 | | | | | | | | .42 | .67 | | .32 | .25 | T | | .29 | .02 | | | | | .48 | 1.03 | | | 1.35 | 1.60 | |
| MORRIS PLAINS | 4.65 | | | | .03 | | T | | .13 | T | | | .28 | .07 | .28 | 1.20 | | | .01 | .25 | .39 | | | | | .11 | .41 | | | .05 | .69 | T |
| NEWARK WB AIRPORT | 7.95 | | .01 | T | | | | | | | | | .18 | .02 | 1.60 | .01 | T | | | | 3.15 | | | | | | | | | .72 | .78 | 1.48 |
| NEW BRUNSWICK EXP STA | 5.98 | | .04 | T | | | | .24 | | | | | .36 | .13 | .28 | .08 | .06 | T | | 1.17 | | | | | | T | .12 | | | 2.10 | T | |
| NEW MILFORD | 6.68 | | .04 | | | .02 | | .48 | | | | | .08 | | 1.50 | .08 | | | | | 2.30 | | | | | .66 | 1.02 | | | | .50 | .02 |
| NEW MONMOUTH | 8.15 | | .09 | | | | | | .03 | | | | .43 | .05 | .41 | .46 | .01 | | | .95 | | | | | | .33 | .03 | .86 | | 4.50 | | |
| NEWTON | 6.46 | | .06 | .19 | .03 | | | .02 | | | | | .35 | .06 | | 1.15 | T | | | | 1.45 | 1.17 | | | | | .85 | .83 | | T | .30 | |
| OAK RIDGE RESERVOIR | 7.29 | | .12 | .16 | .28 | | | .05 | | | | | .29 | .08 | | 1.70 | .08 | | | | .53 | 2.22 | | | | | | | | 1.39 | .44 | |
| OLOWICK | 6.46 | | .07 | T | | | | | | | | | .28 | .10 | .02 | 2.08 | | | | .45 | 1.89 | | | | .08 | .39 | | | | .45 | .60 | |
| ORANGE | 4.97 | | | | | .04 | | | | | | | .19 | | 1.42 | | | | | | 1.08 | .09 | | | | 1.50 | | | | | | .65 |
| PATERSON | 8.07 | | | | | .07 | | | .26 | | | | .25 | .02 | .08 | 1.47 | T | | | .30 | 2.65 | | | | | | | | | 2.00 | T | |
| PATERSON 3 E | 2.46 | | .04 | | .02 | | | | | | | | .73 | .11 | .05 | .03 | .06 | | | | | | | | | .02 | .02 | | | | 1.32 | .04 |
| PHILLIPS BRIDGE | 6.67 | | | | | | | .19 | | | | | .39 | .12 | 1.82 | .48 | | | | | 2.15 | | | | | | | | | 1.47 | .05 | |
| PHILLIPSBURG BRIDGE | 8.62 | | | | .04 | | | .16 | | | | | .26 | .23 | | 2.73 | | | | | 1.42 | .94 | | | | | | | | 1.80 | 1.04 | |
| PLAINFIELD | 7.47 | .22 | | | | | | .01 | | | | | .30 | .12 | 1.51 | .23 | .02 | | | | 2.69 | | | | | .24 | T | | | 1.00 | 1.13 | |
| PRINCETON WATER WORKS | 10.72 | | .15 | .10 | | | | .42 | | | | | .70 | .05 | 3.86 | T | .16 | | | .06 | .56 | | T | | | .65 | | | | .91 | | |
| RAHWAY | 10.11 | | | | | | | | | | | | .21 | .06 | 1.90 | T | | | T | 1.64 | | | | T | 2.60 | | | | .99 | 2.59 | | |
| RINGWOOD | 4.09 | | .19 | T | .20 | | | | | | | | .12 | .02 | | 1.52 | .04 | | | | .75 | .10 | | | | | .65 | | | .04 | .46 | |
| SMILOH | 4.73 | | .20 | | | T | | | | | | | .45 | .23 | .30 | 1.14 | .17 | | | | | | | | | .08 | .03 | | | 2.12 | .01 | |
| SOMERVILLE | 6.82 | | | .41 | | | | .22 | | | | | .45 | .11 | 1.15 | .25 | | | | | 1.35 | | | | | .05 | .60 | | | 1.23 | 1.00 | |
| SPLIT ROCK POND | 5.48 | | .07 | .77 | .12 | .15 | .02 | | | | | | .23 | .04 | .02 | 1.33 | | | | | | | | | | | | | | T | 1.50 | |
| SUSSEX | 15.93 | | | | | | | .13 | | | | | .15 | .10 | | | | .07 | | | .27 | | | | | | 2.08 | .17 | .02 | T | | |

DAILY TEMPERATURES

NEW JERSEY
JULY 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|-----------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|--------------|----------|--------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| ATLANTIC CITY WB AP | MAX MIN | 85 69 | 94 72 | 84 70 | 80 61 | 78 62 | 75 60 | 79 56 | 80 65 | 80 59 | 80 58 | 85 61 | 81 63 | 85 68 | 86 69 | 78 70 | 87 69 | 88 70 | 88 69 | 88 72 | 86 72 | 94 72 | 94 75 | 90 75 | 87 74 | 74 73 | 93 73 | 90 67 | 90 65 | 87 65 | 83 71 | 90 67 | 90 69 | 85.6 67.6 |
| ATLANTIC CITY | MAX MIN | 79 69 | 85 71 | 81 70 | 79 65 | 76 66 | 72 64 | 73 62 | 77 67 | 72 62 | 78 62 | 82 65 | 77 68 | 76 67 | 83 70 | 81 72 | 85 72 | 82 72 | 78 72 | 85 73 | 82 72 | 87 75 | 86 75 | 77 73 | 84 74 | 88 72 | 79 70 | 80 71 | 78 68 | 84 73 | 82 73 | 80 69 | 67.6 | |
| AUGUBON | MAX MIN | 88 69 | 94 68 | 85 69 | 78 68 | 81 62 | 81 58 | 85 58 | 82 58 | 83 55 | 88 57 | 85 64 | 79 65 | 89 67 | 81 70 | 85 69 | 89 68 | 90 68 | 91 69 | 86 70 | 84 70 | 94 72 | 95 75 | 87 72 | 92 75 | 90 71 | 81 69 | 90 64 | 88 65 | 91 68 | 92 65 | 86.9 66.2 | | |
| BELLEPLAIN STA FOREST | MAX MIN | 88 63 | 92 66 | 90 66 | 80 55 | 78 60 | 79 54 | 80 52 | 80 57 | 81 54 | 82 51 | 85 64 | 87 65 | 87 66 | 86 66 | 88 65 | 89 65 | 90 60 | 94 64 | 95 65 | 94 69 | 91 70 | 93 69 | 92 67 | 89 62 | 88 62 | 86 65 | 86 66 | 90 66 | 86 66 | 87 66 | 87.4 63.0 | | |
| BELVIERE | MAX MIN | 93 58 | 92 62 | 89 62 | 82 55 | 80 52 | 79 50 | 80 52 | 80 61 | 78 50 | 81 50 | 84 50 | 86 58 | 86 62 | 85 63 | 78 64 | 84 69 | 87 64 | 84 62 | 79 65 | 87 65 | 90 64 | 89 70 | 87 70 | 87 70 | 86 69 | 85 66 | 86 64 | 86 64 | 88 66 | 87 63 | 87.4 61.5 | | |
| BOONTON 2 SE | MAX MIN | 88 58 | 86 65 | 90 71 | 83 56 | 76 54 | 78 55 | 78 53 | 80 59 | 82 54 | 79 59 | 89 54 | 85 59 | 72 54 | 82 62 | 68 64 | 81 67 | 89 64 | 87 63 | 79 67 | 79 63 | 91 61 | 92 70 | 92 70 | 88 69 | 86 68 | 86 67 | 85 65 | 76 63 | 88 66 | 83.1 62.3 | | | |
| BURLINGTON | MAX MIN | 89 68 | 95 69 | 91 60 | 82 61 | 80 63 | 82 62 | 85 59 | 85 63 | 89 58 | 81 56 | 88 58 | 89 64 | 88 64 | 88 65 | 89 64 | 90 68 | 92 67 | 87 69 | 95 71 | 95 72 | 95 75 | 95 72 | 95 73 | 95 73 | 90 72 | 87 76 | 90 67 | 89 66 | 92 66 | 88.2 66.2 | | | |
| CANOE BROOK | MAX MIN | 89 62 | 97 68 | 93 68 | 85 59 | 77 53 | 78 56 | 78 55 | 79 60 | 81 51 | 79 49 | 81 60 | 86 62 | 86 61 | 89 62 | 83 64 | 89 67 | 89 64 | 89 66 | 80 65 | 96 64 | 92 61 | 93 70 | 93 67 | 91 68 | 90 67 | 87 64 | 86 62 | 88 64 | 75 68 | 89 66 | 85.0 61.9 | | |
| CAPE MAY 3 W | MAX MIN | 85 67 | 90 67 | 86 67 | 79 66 | 78 64 | 75 64 | 77 60 | 78 62 | 78 63 | 84 66 | 84 65 | 86 62 | 83 68 | 85 69 | 85 70 | 85 69 | 87 70 | 87 71 | 88 73 | 93 73 | 90 70 | 90 70 | 85 69 | 86 71 | 81 71 | 83 69 | 83 70 | 88 69 | 89 71 | 83.9 67.8 | | | |
| CHARLOTTEBURG | MAX MIN | 85 58 | 84 62 | 89 67 | 81 58 | 73 51 | 73 50 | 77 55 | 75 55 | 78 55 | 78 48 | 82 51 | 82 57 | 70 62 | 84 61 | 70 62 | 85 62 | 80 65 | 85 63 | 83 61 | 85 65 | 88 64 | 88 68 | 89 67 | 86 69 | 87 65 | 86 65 | 83 64 | 85 67 | 86 61 | 81.6 60.5 | | | |
| CHATSWORTH | MAX MIN | 89 59 | 94 63 | 89 69 | 87 55 | 80 62 | 80 55 | 78 54 | 81 61 | 79 55 | 80 55 | 86 60 | 84 62 | 79 60 | 86 67 | 86 70 | 88 67 | 88 68 | 87 68 | 81 67 | 93 67 | 92 67 | 92 70 | 89 68 | 89 68 | 91 65 | 90 65 | 89 64 | 81 65 | 89 66 | 90 66 | 86.2 63.5 | | |
| CLAYTON | MAX MIN | 91 69 | 90 68 | 85 61 | 80 59 | 79 59 | 80 57 | 77 54 | 80 64 | 78 62 | 85 56 | 84 64 | 88 67 | 86 74 | 85 69 | 82 71 | 86 66 | 86 70 | 87 69 | 86 73 | 91 72 | 92 73 | 88 71 | 88 73 | 86 76 | 86 70 | 84 63 | 88 60 | 89 65 | 88 68 | 84.9 65.6 | | | |
| ELIZABETH | MAX MIN | 88 61 | 93 66 | 91 66 | 83 59 | 80 59 | 79 59 | 80 79 | 88 63 | 89 56 | 89 56 | 84 64 | 87 62 | 88 66 | 89 65 | 86 70 | 89 67 | 89 67 | 82 67 | 82 66 | 93 68 | 90 71 | 89 74 | 89 71 | 89 70 | 87 69 | 89 66 | 88 68 | 90 64 | 85.6 64.8 | | | | |
| ESSEX FELS SERV BLOC | MAX MIN | 91 57 | 89 62 | 95 68 | 86 55 | 78 54 | 78 53 | 80 51 | 79 52 | 81 51 | 82 53 | 81 61 | 87 62 | 83 64 | 88 67 | 88 64 | 88 65 | 87 65 | 88 64 | 88 66 | 87 65 | 92 65 | 93 70 | 93 68 | 90 68 | 87 65 | 86 62 | 87 62 | 75 66 | 89 66 | 84.7 61.7 | | | |
| FLEMINGTON 1 NE | MAX MIN | 90 57 | 95 63 | 80 69 | 87 52 | 83 52 | 84 52 | 81 52 | 83 60 | 82 52 | 84 55 | 90 47 | 90 58 | 89 63 | 81 65 | 91 70 | 90 64 | 92 66 | 92 63 | 95 63 | 98 64 | 94 71 | 94 68 | 88 68 | 92 67 | 89 65 | 89 61 | 89 67 | 92 62 | 90 65 | 87.8 61.7 | | | |
| FREEHOLD | MAX MIN | 88 63 | 92 67 | 90 69 | 83 58 | 78 59 | 78 56 | 79 55 | 80 50 | 86 54 | 87 60 | 85 62 | 80 65 | 86 66 | 89 66 | 86 70 | 88 66 | 90 66 | 90 68 | 86 67 | 91 67 | 93 70 | 92 74 | 89 71 | 88 73 | 85 70 | 86 71 | 82 63 | 88 67 | 90 67 | 85.4 64.1 | | | |
| HAMMONTON 2 NNE | MAX MIN | 91 66 | 86 68 | 95 69 | 85 61 | 83 63 | 80 57 | 84 55 | 80 50 | 83 57 | 82 57 | 85 64 | 88 66 | 88 65 | 90 71 | 88 68 | 90 71 | 92 69 | 86 71 | 94 73 | 96 74 | 96 72 | 96 74 | 94 72 | 90 76 | 94 68 | 87 62 | 90 68 | 81 66 | 90 69 | 87.4 66.2 | | | |
| HIGH POINT PARK | MAX MIN | 83 53 | 83 58 | 88 62 | 82 51 | 72 52 | 75 56 | 76 61 | 74 55 | 75 49 | 77 54 | 84 63 | 85 58 | 68 59 | 84 59 | 76 59 | 85 59 | 84 58 | 76 58 | 85 61 | 84 58 | 76 62 | 88 66 | 85 64 | 85 62 | 83 60 | 86 64 | 83 62 | 68 60 | 87 62 | 79.9 59.0 | | | |
| HIGHTSTOWN 1 N | MAX MIN | 90 60 | 95 66 | 85 68 | 81 58 | 81 58 | 80 56 | 80 56 | 84 55 | 86 55 | 89 53 | 87 53 | 77 62 | 79 62 | 90 66 | 90 66 | 90 67 | 93 67 | 92 66 | 94 67 | 96 71 | 96 69 | 89 69 | 91 70 | 91 70 | 83 67 | 89 70 | 88 67 | 88 61 | 91 67 | 88 63 | 86.4 63.6 | | |
| INDIAN MILLS 2 W | MAX MIN | 86 60 | 93 63 | 84 66 | 78 54 | 80 60 | 81 52 | 84 52 | 80 51 | 85 52 | 83 48 | 85 51 | 79 63 | 88 67 | 88 69 | 90 65 | 88 66 | 90 66 | 85 66 | 93 66 | 95 70 | 96 69 | 96 69 | 90 69 | 88 68 | 88 63 | 89 56 | 88 65 | 88 63 | 90 66 | 86.0 62.5 | | | |
| JERSEY CITY | MAX MIN | 87 64 | 95 71 | 82 70 | 76 62 | 74 64 | 71 66 | 74 62 | 79 58 | 80 61 | 75 61 | 84 63 | 85 68 | 72 62 | 80 64 | 67 65 | 79 70 | 84 70 | 86 70 | 85 68 | 77 71 | 88 68 | 82 72 | 85 74 | 84 74 | 87 73 | 87 74 | 81 70 | 80 71 | 73 65 | 85 72 | 81.4 67.4 | | |
| LAMBERTVILLE | MAX MIN | 88 59 | 92 66 | 90 66 | 82 57 | 81 54 | 81 53 | 83 57 | 80 63 | 86 51 | 86 50 | 86 60 | 79 53 | 88 66 | 87 67 | 88 66 | 88 70 | 88 65 | 89 65 | 91 65 | 93 66 | 94 71 | 94 70 | 91 69 | 90 70 | 89 69 | 88 66 | 88 61 | 86 64 | 90 63 | 86.6 62.5 | | | |
| LAYTON 3 NW | MAX MIN | 87 53 | 90 63 | 84 64 | 83 52 | 77 49 | 80 47 | 77 46 | 80 58 | 82 57 | 85 58 | 80 55 | 86 62 | 83 65 | 89 65 | 85 67 | 84 64 | 90 65 | 90 65 | 80 65 | 89 63 | 90 58 | 89 58 | 85 67 | 86 64 | 85 62 | 85 61 | 78 62 | 88 62 | 87 63 | 84.0 60.2 | | | |
| LITTLE FALLS | MAX MIN | 93 60 | 90 64 | 96 60 | 88 56 | 79 56 | 80 58 | 82 55 | 80 61 | 82 54 | 82 53 | 86 66 | 90 62 | 77 64 | 88 64 | 83 70 | 90 66 | 90 66 | 82 65 | 92 65 | 95 67 | 95 72 | 95 72 | 92 69 | 91 69 | 90 67 | 90 65 | 90 65 | 88 63 | 92 68 | 87.1 63.4 | | | |
| LONG BRANCH | MAX MIN | 86 65 | 95 70 | 85 71 | 78 60 | 75 62 | 75 62 | 74 58 | 77 63 | 77 61 | 81 58 | 87 66 | 88 66 | 71 64 | 80 66 | 70 66 | 82 67 | 89 69 | 90 68 | 92 70 | 92 75 | 85 70 | 86 75 | 87 74 | 90 72 | 83 68 | 84 74 | 83 65 | 88 68 | 70 70 | 83.3 66.0 | | | |
| LONG VALLEY | MAX MIN | 87 57 | 92 59 | 87 66 | 78 52 | 77 52 | 79 50 | 81 60 | 85 53 | 88 48 | 85 53 | 81 58 | 85 63 | 85 65 | 86 65 | 80 65 | 86 67 | 85 65 | 78 61 | 90 65 | 91 65 | 92 69 | 92 67 | 87 68 | 88 68 | 85 65 | 84 61 | 85 64 | 89 59 | 87 60 | 84.3 60.0 | | | |
| MILLVILLE | MAX MIN | 91 67 | 88 70 | 91 70 | 84 62 | 79 65 | 79 63 | 80 62 | 82 58 | 80 60 | 81 60 | 85 65 | 81 62 | 85 68 | 82 72 | 86 71 | 86 82 | 87 72 | 88 67 | 86 73 | 88 69 | 94 73 | 95 75 | 95 75 | 89 72 | 91 72 | 90 72 | 88 66 | 87 66 | 81 66 | 89 67 | 85.5 67.3 | | |
| MILLVILLE FAA AIRPORT | MAX MIN | 84 67 | 92 71 | 82 68 | 77 63 | 77 61 | 75 61 | 80 58 | 81 63 | 79 57 | 85 60 | 80 64 | 86 67 | 79 68 | 85 71 | 87 71 | 85 68 | 87 69 | 86 72 | 92 70 | 95 74 | 93 73 | 87 72 | 87 71 | 87 67 | 88 67 | 87 65 | 88 65 | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
JULY 1961

Continued

| Station | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|-----------------|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| SHILOH | MAX | 87 | 89 | 89 | 81 | 78 | 76 | 79 | 81 | 80 | 80 | 84 | 83 | 84 | 86 | 86 | 85 | 87 | 86 | 87 | 85 | 91 | 93 | 94 | 88 | 90 | 88 | 87 | 86 | 81 | 88 | 88 | 85.4 |
| | MIN | 68 | 65 | 70 | 62 | 63 | 59 | 57 | 67 | 57 | 61 | 59 | 64 | 62 | 68 | 69 | 69 | 70 | 67 | 67 | 74 | 68 | 73 | 72 | 72 | 70 | 71 | 67 | 64 | 68 | 65 | 70 | 66.4 |
| SOMERVILLE | MAX | 88 | 93 | 88 | 77 | 80 | 82 | 79 | 82 | 81 | 81 | 87 | 88 | 80 | 88 | 87 | 80 | 88 | 89 | 89 | 81 | 91 | 93 | 93 | 87 | 90 | 88 | 87 | 88 | 76 | 90 | 90 | 85.8 |
| | MIN | 61 | 64 | 68 | 56 | 54 | 56 | 55 | 62 | 54 | 51 | 51 | 58 | 62 | 66 | 66 | 65 | 70 | 65 | 64 | 67 | 65 | 66 | 72 | 71 | 69 | 69 | 68 | 65 | 69 | 63 | 67 | 63.2 |
| SUSSEX | MAX | 85 | 86 | 90 | 82 | 71 | 80 | 83 | 84 | 78 | 75 | 75 | 83 | 86 | 70 | 84 | 70 | 80 | 85 | 84 | 85 | 76 | 87 | 88 | 87 | 86 | 86 | 84 | 85 | 84 | 72 | 86 | 81.8 |
| | MIN | 58 | 60 | 66 | 52 | 51 | 53 | 55 | 60 | 51 | 51 | 52 | 52 | 62 | 63 | 63 | 63 | 67 | 66 | 62 | 62 | 60 | 65 | 65 | 69 | 65 | 65 | 65 | 64 | 61 | 65 | 66 | 60.6 |
| TOMS RIVER | MAX | 95 | 94 | 90 | 85 | 80 | 80 | 85 | 85 | 88 | 88 | 91 | 90 | 80 | 81 | 85 | 78 | 88 | 90 | 94 | 90 | 95 | 95 | 92 | 90 | 92 | 89 | 86 | 92 | 78 | 90 | 92 | 88.0 |
| | MIN | 68 | 70 | 70 | 64 | 61 | 61 | 58 | 61 | 59 | 59 | 60 | 65 | 62 | 67 | 66 | 66 | 71 | 69 | 71 | 68 | 71 | 73 | 75 | 72 | 72 | 74 | 70 | 67 | 67 | 65 | 72 | 66.9 |
| TRENTON WB CITY | MAX | 89 | 93 | 85 | 76 | 80 | 80 | 78 | 79 | 80 | 80 | 87 | 84 | 72 | 87 | 72 | 78 | 88 | 89 | 89 | 83 | 92 | 94 | 96 | 84 | 92 | 88 | 83 | 89 | 77 | 89 | 89 | 84.6 |
| | MIN | 68 | 70 | 70 | 64 | 61 | 61 | 58 | 61 | 59 | 59 | 60 | 65 | 62 | 67 | 66 | 66 | 71 | 69 | 71 | 68 | 71 | 73 | 75 | 72 | 72 | 74 | 70 | 67 | 67 | 65 | 72 | 66.9 |
| TUCKERTON | MAX | 90 | 93 | 88 | 82 | 77 | 78 | 75 | 77 | 76 | 80 | 86 | 90 | 81 | 84 | 82 | 81 | 85 | 90 | 87 | 86 | 89 | 92 | 89 | 85 | 89 | 90 | 88 | 84 | 83 | 88 | 90 | 85.0 |
| | MIN | 62 | 65 | 64 | 58 | 62 | 56 | 51 | 63 | 50 | 54 | 57 | 63 | 64 | 66 | 69 | 69 | 68 | 68 | 69 | 72 | 68 | 70 | 71 | 74 | 74 | 71 | 65 | 59 | 69 | 63 | 66 | 64.5 |
| WOODSTOWN | MAX | 87 | 93 | 85 | 81 | 79 | 80 | 81 | 83 | | 86 | 86 | 84 | 78 | 88 | 88 | 86 | 88 | 88 | 90 | 90 | 93 | 96 | 96 | 90 | 91 | 89 | 89 | 89 | 87 | 90 | 90 | 87.4 |
| | MIN | 64 | 67 | 69 | 58 | 61 | 55 | 55 | 61 | | 54 | 55 | 60 | 65 | 70 | 70 | 70 | 69 | 67 | 69 | 67 | 72 | 70 | 72 | 72 | 69 | 72 | 65 | 63 | 66 | 66 | 68 | 65.4 |

EVAPORATION AND WIND

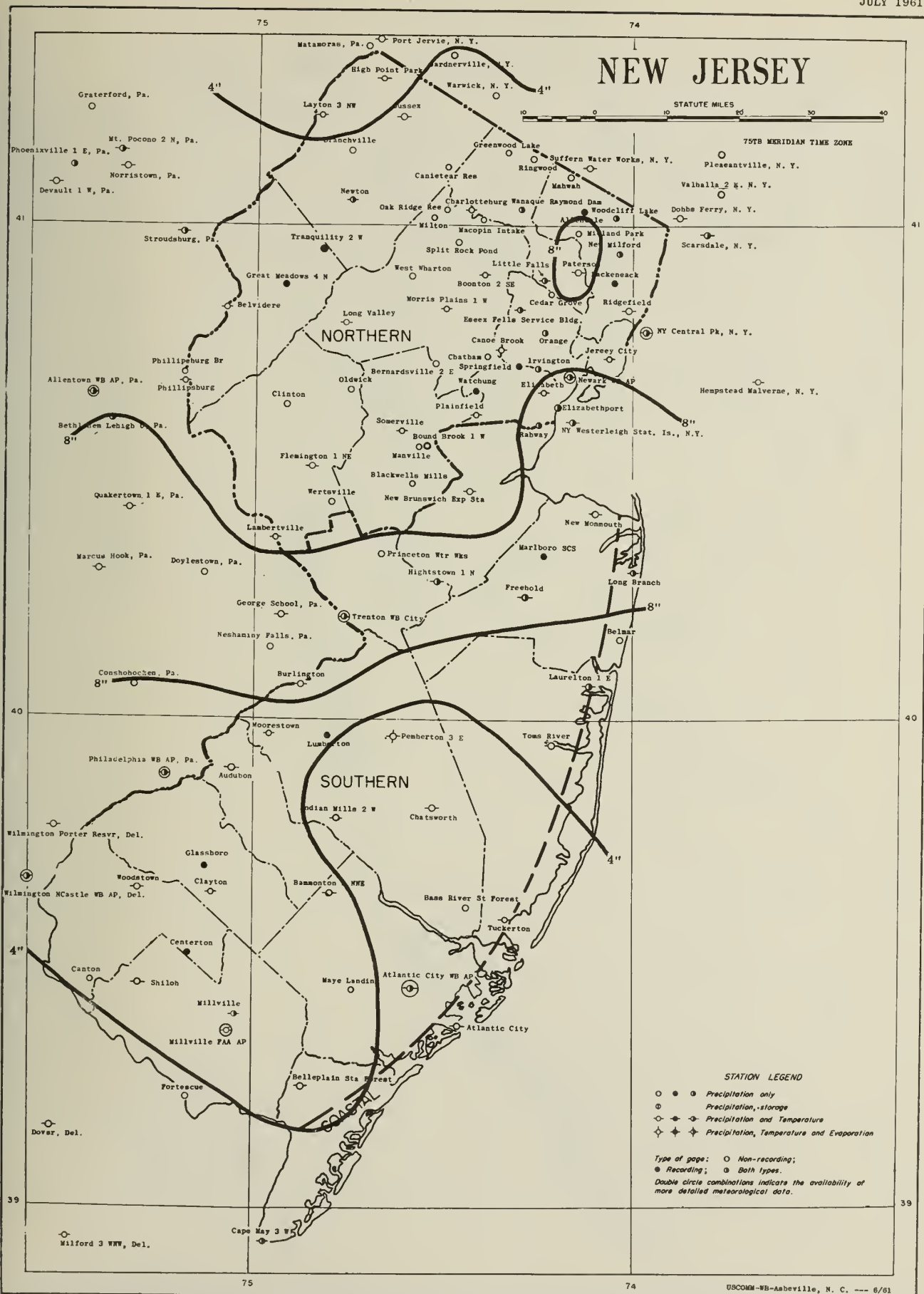
| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| CANOE BROOK | EVAP | .10 | .21 | .38 | .04 | .30 | .15 | .15 | .14 | .13 | .17 | .20 | .21 | .21 | .03 | .14 | .27 | .19 | .12 | .18 | .13 | .15 | .17 | .21 | .16 | .05 | .19 | .20 | .20 | .18 | .08 | .16 | B4.96 |
| | WIND | 31 | 24 | 29 | 26 | 18 | 16 | 13 | 27 | 25 | 8 | 21 | 24 | 23 | 6 | 27 | 19 | 8 | 18 | 12 | 13 | 9 | 16 | 18 | 2 | 12 | 22 | 16 | 21 | 12 | 10 | 14 | 531 |
| PEMBERTON 3 E | EVAP | .23 | .16 | .30 | .25 | .12 | .08 | .11 | .23 | .15 | .19 | .37 | .20 | .08 | .18 | .10 | .09 | .13 | .15 | .22 | .23 | .15 | .30 | .26 | .12 | .15 | .26 | .26 | .22 | .19 | .19 | .19 | 5.86 |
| | WIND | 31 | 37 | 43 | 58 | 12 | 19 | 20 | 24 | 18 | 19 | 38 | 31 | 31 | 10 | 60 | 16 | 23 | 23 | 19 | 38 | 19 | 7 | 9 | 16 | 23 | 22 | 42 | 14 | 24 | 19 | 14 | 779 |
| | MAX | 94 | 98 | 95 | 88 | 84 | 85 | 85 | 91 | 91 | 90 | 90 | 88 | 84 | 92 | 84 | 87 | 91 | 94 | 96 | 95 | 97 | 100 | 101 | 92 | 99 | 99 | 97 | 95 | 92 | 94 | 99 | 92.5 |
| | MIN | 71 | 71 | 71 | 66 | 65 | 63 | 63 | 64 | 62 | 61 | 60 | 65 | 67 | 71 | 76 | 68 | 71 | 69 | 73 | 74 | 72 | 76 | 78 | 76 | 75 | 75 | 73 | 62 | 72 | 70 | 75 | 69.5 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average | |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 86 | 93 | 81 | 83 | 81 | 80 | 82 | 83 | 82 | 82 | 84 | 87 | 72 | 83 | 71 | 83 | 85 | 86 | 87 | 78 | 85 | - | - | - | - | 89 | 88 | 89 | 87 | 78 | 87 | 84 | 83.6 |
| | MIN | 66 | 69 | 70 | 66 | 65 | 65 | 64 | 67 | 63 | 62 | 62 | 65 | 67 | 66 | 69 | 68 | 72 | 70 | 70 | 70 | 72 | 70 | - | - | - | 74 | 74 | 72 | 71 | 72 | 70 | 72 | 68.5 |
| 4 INCHES | MAX | 85 | 90 | 80 | 80 | 25 | - | - | - | 81 | 75 | 75 | 75 | 71 | 75 | 72 | 73 | 77 | 78 | 78 | 75 | 78 | - | - | - | - | 81 | 80 | 83 | 80 | 76 | 78 | 78 | 78.0 |
| | MIN | 66 | 68 | 69 | 64 | 64 | - | - | - | 62 | 66 | 66 | 67 | 69 | 68 | 69 | 68 | 71 | 72 | 72 | 72 | 73 | 71 | - | - | - | 75 | 75 | 75 | 73 | 72 | 72 | 74 | 69.5 |
| 8 INCHES | MAX | 73 | 74 | 73 | 72 | 71 | 70 | 70 | 70 | 70 | 71 | 71 | 72 | 71 | 72 | 71 | 71 | 71 | 75 | 75 | 73 | 75 | - | - | - | - | 77 | 77 | 77 | 76 | 76 | 75 | 76 | 73.2 |
| | MIN | 69 | 70 | 71 | 69 | 69 | 68 | 68 | 69 | 67 | 67 | 67 | 67 | 69 | 69 | 66 | 69 | 69 | 70 | 72 | 72 | 72 | 72 | - | - | - | 75 | 75 | 75 | 74 | 73 | 72 | 74 | 70.7 |
| 16 INCHES | MAX | 67 | 69 | 69 | 69 | 69 | 69 | 68 | 68 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 69 | 70 | 71 | 71 | 71 | - | - | - | - | 73 | 73 | 73 | 74 | 73 | 72 | 73 | 69.8 |
| | MIN | 67 | 68 | 68 | 68 | 68 | 67 | 67 | 67 | 66 | 66 | 66 | 67 | 68 | 66 | 68 | 67 | 68 | 69 | 69 | 70 | 70 | 70 | - | - | - | 72 | 72 | 72 | 72 | 72 | 71 | 71 | 68.1 |
| 32 INCHES | MAX | 66 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 66 | 67 | 67 | - | - | - | - | 68 | 68 | 59 | 69 | 70 | 70 | 69 | 56.1 |
| | MIN | 63 | 63 | 64 | 65 | 64 | 64 | 65 | 65 | 64 | 64 | 64 | 64 | 65 | 64 | 65 | 64 | 64 | 64 | 65 | 66 | 66 | 66 | - | - | - | 67 | 68 | 68 | 68 | 69 | 69 | 68 | 65.4 |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 92 | 97 | 87 | 87 | 86 | 82 | 85 | 82 | 82 | 89 | 91 | 92 | 73 | 84 | 70 | 84 | 88 | 88 | 94 | 79 | 88 | - | - | - | - | 92 | 93 | 93 | 97 | 78 | 90 | 89 | 87.0 |
| | MIN | 65 | 70 | 71 | 69 | 65 | 66 | 64 | 68 | 61 | 61 | 63 | 67 | 68 | 68 | 68 | 68 | 71 | 69 | 69 | 71 | 70 | - | - | - | - | 73 | 73 | 71 | 71 | 73 | 67 | 71 | 68.4 |
| 2 INCHES | MAX | 92 | 95 | 86 | 86 | 85 | 81 | 84 | 81 | 88 | 90 | 90 | 73 | 84 | 70 | 83 | 87 | 88 | 93 | 79 | 88 | - | - | - | - | - | 92 | 92 | 92 | 96 | 77 | 89 | 89 | 86.3 |
| | MIN | 65 | 70 | 71 | 69 | 65 | 66 | 64 | 68 | 61 | 61 | 63 | 67 | 68 | 68 | 68 | 68 | 71 | 69 | 69 | 72 | 70 | - | - | - | - | 73 | 73 | 72 | 71 | 71 | 67 | 71 | 68.4 |
| 4 INCHES | MAX | 88 | 91 | 84 | 83 | 83 | 78 | 81 | 77 | 77 | 85 | 86 | 86 | 74 | 81 | 71 | 80 | 84 | 85 | 89 | 78 | 85 | - | - | - | - | 89 | 90 | 89 | 92 | 78 | 86 | 85 | 83.6 |
| | MIN | 67 | 74 | 72 | 71 | 66 | 67 | 65 | 68 | 63 | 63 | 64 | 68 | 70 | 68 | 69 | 68 | 71 | 70 | 70 | 72 | 70 | - | - | - | - | 74 | 74 | 73 | 72 | 71 | 68 | 72 | 69.4 |
| 8 INCHES | MAX | 79 | 82 | 78 | 77 | 77 | 74 | 75 | 71 | 72 | 77 | 77 | 78 | 76 | 75 | 72 | 74 | 77 | 78 | 80 | 75 | 79 | - | - | - | - | 82 | 83 | 83 | 84 | 80 | 79 | 79 | 77.8 |
| | MIN | 70 | 73 | 74 | 75 | 70 | 69 | 69 | 66 | 66 | 66 | 68 | 70 | 72 | 69 | 69 | 68 | 71 | 72 | 72 | 74 | 72 | - | - | - | - | 75 | 75 | 75 | 74 | 74 | 71 | 73 | 71.4 |

TOTAL PRECIPITATION

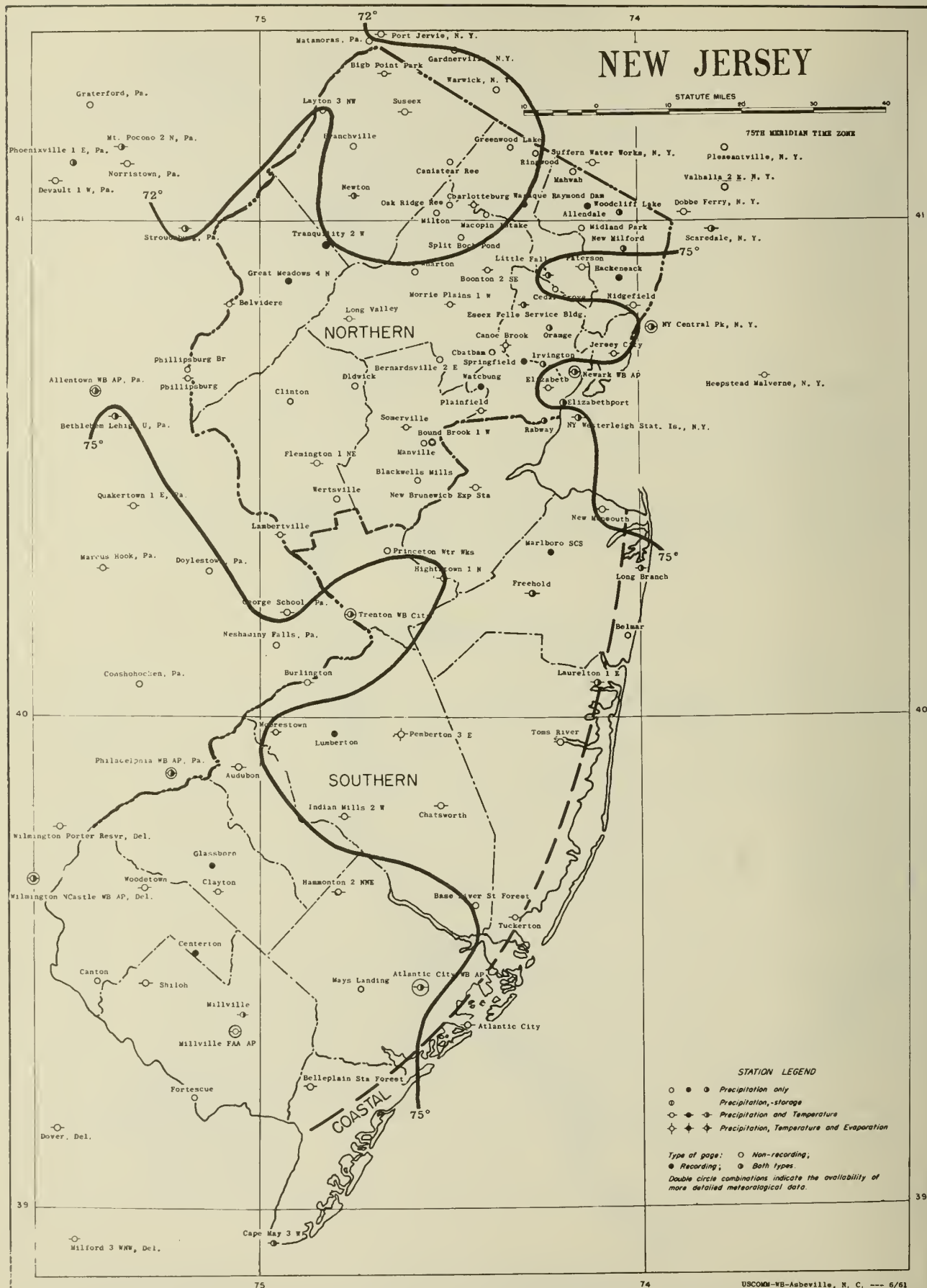
NEW JERSEY
JULY 1961



Isohyets are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
JULY 1961



Isotherms are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
JULY 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | OBSERVER | |
|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------------|-------|---------|----------|-------------------------|
| | | | | | | | TEMP. | EVAP. | SPECIAL | | |
| ALLEMALE | 0100 | BERGEN | 8 41 02 | 74 08 | 270 | | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 39 27 | 74 35 | 58 | MID | MID | | | C H J | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 39 23 | 74 26 | 10 | MID | MID | | | J | STATE MARINA |
| AUDUBON | 0346 | CAMDEN | 2 39 54 | 75 04 | 50 | 11P | 11P | | | H | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 39 37 | 74 26 | 20 | | 6P | | | C H | N.J. FORESTRY SERVICE |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 39 15 | 74 52 | 30 | 5P | 5P | | | | BELLEPLAIN STATE FOREST |
| BELMAR | 0721 | MONMOUTH | 1 40 10 | 74 02 | 19 | | 8A | | | H | BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 40 50 | 75 05 | 275 | 5P | 5P | | | | CLEMENT HAUTP |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 40 43 | 74 32 | 240 | 7A | | | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 40 29 | 74 35 | 27 | | | | | | HENRY M. MILLER |
| BOONTO 2 SE | 0907 | MORRIS | 8 40 54 | 74 24 | 280 | 8A | 8A | | | | JERSEY CITY WATER WORKS |
| BOND BROOK 1 W | 0927 | SOMERSET | 10 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 41 09 | 74 45 | 580 | 7A | | | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 40 04 | 74 53 | 12 | 6P | 6P | | | | PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 41 07 | 74 30 | 1040 | | 8A | | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 39 28 | 75 25 | 20 | 9A | | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 38 57 | 74 58 | 10 | 5P | | | | C | N.WEST MAGNESITE CO. |
| CEAR GROVE | 1472 | ESSEX | 8 40 52 | 74 13 | 400 | 8A | | | | | J. A. PLUMKETT |
| CENTERTON | 1512 | SALEM | 6 39 31 | 75 10 | 80 | | | | | C | JOHN HOPKINS UNIV. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 41 03 | 74 26 | 760 | 7A | 7A | | | | NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. MOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 39 49 | 74 32 | 100 | 5P | 5P | | | | EARL M. KERCHNER |
| CLAYTON | 1708 | GLOUCESTER | 6 39 39 | 75 06 | 120 | 6P | 6P | | | H | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 40 38 | 74 55 | 300 | | 6P | | | | L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 40 40 | 74 14 | 33 | 5P | 5P | | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 40 38 | 74 12 | 10 | MID | | | | | SEWAGE TREATMENT PLANT |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 8 40 50 | 74 18 | 250 | 8A | 8A | | | | ESSEX FELS SERV BLDG |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 40 31 | 74 51 | 134 | 5P | 5P | | | C | DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 39 14 | 75 10 | 5 | | | | | | JOHN LOPER |
| FREEHOLD | 3181 | MONMOUTH | 10 40 15 | 74 17 | 194 | 6P | 6P | | | C H | FRANK J. HOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 39 42 | 75 07 | 150 | | | | | C | GLASSBORO STATE COLLEGE |
| GREAT MEADOWS & N | 3416 | WARREN | 2 40 56 | 74 55 | 540 | | | | | C | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 41 09 | 74 20 | 660 | 7A | | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 40 53 | 74 03 | 10 | | | | | C | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARO PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 41 18 | 74 40 | 1570 | 8A | 8A | | | | N. J. DEPT. OF CONS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 40 17 | 74 31 | 100 | 6P | 6P | | | C H | JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | BURLINGTON | 7 39 48 | 74 47 | 100 | 7P | 7P | | | | H. EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 40 43 | 74 15 | 120 | MID | | | | C | JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 40 44 | 74 04 | 135 | MID | MID | | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 40 22 | 74 57 | 75 | 6P | 6P | | | | E. E. CASE |
| LAURELTON 1 E | 4700 | CAPE MAY | 1 40 04 | 74 07 | 20 | MID | MID | | | C H | GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 41 15 | 74 51 | 480 | 6P | 6P | | | | H. A. M. DEPU |
| LITTLE FALLS | 4887 | PASSAIC | 8 40 53 | 74 14 | 150 | 9A | 9A | | | C H | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 40 18 | 74 00 | 20 | MID | MID | | | C H J | WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 40 48 | 74 46 | 660 | 6P | 6P | | | | H. ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 39 58 | 74 48 | 25 | | | | | C | JAMES LAWTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 41 01 | 74 24 | 584 | | | | | | NEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 8 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 40 33 | 74 34 | 50 | MID | | | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 40 20 | 74 14 | 120 | | | | | C | GEROW BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 39 27 | 74 44 | 10 | | | | | | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | BERGEN | 8 40 59 | 74 09 | 210 | MID | | | | | RIDGEMOUNT WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 39 24 | 75 03 | 60 | 8A | MID | | | C H | L. J. GALLAMER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 39 22 | 75 04 | 70 | MID | MID | | | | |
| HILTON | 5597 | MORRIS | 8 41 01 | 74 32 | 950 | 7A | | | | | FEO. AVIATION AGENCY |
| MOORESTOWN | 5728 | BURLINGTON | 2 39 58 | 74 58 | 55 | MID | 8A | | | | JERSEY CITY WATER WKS. |
| MORRIS PLAINS | 5769 | MORRIS | 8 40 50 | 74 30 | 500 | 8A | 8A | | | | H. J. WILLARD |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 40 42 | 74 10 | 11 | MID | MID | | | C H J | M. JAMES C. LONG |
| NEW BRUNSWICK EXP STA | 6042 | MIDDLESEX | 10 40 28 | 74 26 | 86 | 5P | 5P | | | | U.S. WEATHER BUREAU |
| NEW MILFORD | 6166 | BERGEN | 4 40 57 | 74 02 | 12 | | | | | | |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 40 25 | 74 06 | 30 | 4P | 4P | | | | ARTHUR M. AHLQUIST |
| NEWTON | 6177 | SUSSEX | 2 41 03 | 74 45 | 365 | 8A | 8A | | | C H | HACKENSACK WATER CO. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 41 02 | 74 30 | 870 | | 8A | | | | ST. MARYS SCHOOL |
| OLWICK | 6544 | HUNTERDON | 10 40 40 | 74 45 | 260 | 8A | | | | | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 40 47 | 74 14 | 140 | MID | | | | C | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 40 54 | 74 09 | 100 | 8A | 8A | | | | H. P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 39 58 | 74 38 | 80 | 5P | 5P | | | | M. PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 40 41 | 75 12 | 182 | 3P | 3P | | | H | SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 40 42 | 75 12 | 196 | 9A | | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 40 36 | 74 25 | 120 | 8P | 8P | | | | MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 40 20 | 74 40 | 60 | MID | | | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 40 36 | 74 15 | 20 | MID | | | | C H | RAHWAY VLY. SWG. AUTH. |
| RINGWOOD | 7587 | PASSAIC | 6 41 08 | 74 16 | 305 | 10A | | | | | NO. JERSEY WTR. SUPPLY |
| SHILOH | 8051 | CUMBERLAND | 2 39 28 | 75 18 | 120 | 5P | 5P | | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 40 34 | 74 37 | 75 | 6P | 6P | | | | W. E. HAYER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 40 58 | 74 28 | 800 | 10A | | | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 40 43 | 74 18 | - | | | | | C | N. J. DEPT. OF CONS. |
| SUSSEX | 8644 | SUSSEX | 5 41 13 | 74 37 | 440 | 7A | 7A | | | | BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 39 57 | 74 13 | 10 | 6P | 6P | | | | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 40 57 | 74 50 | 551 | | | | | | M. J. ERYEY |
| TRENTON WD CITY | 8883 | MERCER | 2 40 13 | 74 46 | 54 | MID | MID | | | C H J | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 39 36 | 74 20 | 10 | 6P | 6P | | | | REV. WALTER T. GANDEK |
| WANAUKE RAYMOND DAM | 9187 | PASSAIC | 8 41 03 | 74 18 | 320 | 8A | | | | C H | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 40 40 | 74 25 | - | | | | | | |
| WERTSVILLE | 9363 | HUNTERDON | 10 40 27 | 74 48 | 160 | | | | | C | BONNIE BURN SANITARIUM |
| WEST WATSON | 9608 | MORRIS | 8 40 54 | 74 36 | 680 | 7A | | | | | ROBERT M. MANNERS |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 41 01 | 74 03 | 103 | MID | | | | C | N. J. POWER & LIGHT CO. |
| WOOSTOWN | 9910 | SALEM | 2 39 39 | 75 19 | 50 | 5P | 5P | | | | HACKENSACK WATER CO. |
| | | | | | | | | | | | CREAM VALLEY DAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-HAURICE; 7-MULICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground"; Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NJ

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

AUGUST 1961
Volume 66 No. 8



ASHEVILLE: 1961

U.S. DEPARTMENT OF COMMERCE
OCT 24 1961
CLIMATOLOGICAL DATA

NEW JERSEY - AUGUST 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 94° on the 11+ at Burlington and on the 10th at
Toms River

Lowest Temperature: 43° on the 18th at Layton 3 NW

Greatest Total Precipitation: 7.29 inches at Milton

Least Total Precipitation: 1.23 inches at Belleplain Sta Forest

Greatest One-Day Precipitation: 3.59 inches on the 1st at Pemberton 3 E

CLIMATOLOGICAL DATA

NEW JERSEY
AUGUST 1961

| Station | Temperature | | | | | | | | | | | | | | Precipitation | | | | | | | | | |
|-----------------------|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|----------------|-------|--------------------------------------|--------------|------|-------------|-------------------------|------|-------------|------------|--------------|--|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | | |
| | | | | | | | | | | | | | | | | | | Total | Max. Depth on Ground | Date | 10 or More | 50 or More | 1.00 or More | |
| | | | | | | | | | | 40° or Above | 32° or Above | 32° or Below | 0° or Below | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| 8ELVIOERE | 80.8 | 61.5 | 71.2 | - 1.5 | 89 | 31 | 48 | 14 | 5 | 0 | 0 | 0 | 0 | 6.51 | - 1.35 | 1.94 | 26 | .0 | 0 | | 8 | 4 | 3 | |
| BOONTON 2 SE | 80.9 | 62.5 | 71.7 | .9 | 88 | 29 | 50 | 18+ | 6 | 0 | 0 | 0 | 0 | 4.03 | -.93 | 1.13 | 21 | .0 | 0 | | 9 | 2 | 1 | |
| CANOE BROOK | 82.0 | 62.1 | 72.1 | 1.0 | 90 | 11+ | 46 | 14 | 6 | 2 | 0 | 0 | 0 | 3.80 | - 1.62 | 1.17 | 21 | .0 | 0 | | 8 | 2 | 1 | |
| CHARLOTTEBURG | 79.6 | 59.9 | 69.8 | .4 | 88 | 17 | 45 | 14 | 11 | 0 | 0 | 0 | 0 | 4.26 | -.72 | 1.24 | 21 | .0 | 0 | | 8 | 2 | 2 | |
| ELIZABETH | 82.9 | 63.7 | 73.3 | -.9 | 92 | 31 | 50 | 14 | 1 | 3 | 0 | 0 | 0 | 2.81 | - 2.20 | .84 | 3 | .0 | 0 | | 8 | 2 | 0 | |
| ESSEX FELS SERV BLOG | 82.5 | 61.8 | 72.2 | | 90 | 29+ | 47 | 14 | 4 | 2 | 0 | 0 | 0 | 5.42 | | 1.40 | 3 | .0 | 0 | | 8 | 4 | 1 | |
| FLEMINGTON 1 NE | 85.3 | 61.6 | 73.5 | -.1 | 92 | 31 | 45 | 14 | 4 | 5 | 0 | 0 | 0 | 3.90 | - 1.43 | 1.17 | 1 | .0 | 0 | | 6 | 3 | 2 | |
| HIGH POINT PARK | 76.0 | 57.4 | 66.7 | | 86 | 10 | 44 | 14 | 34 | 0 | 0 | 0 | 0 | 3.50 | | .76 | 26 | .0 | 0 | | 7 | 2 | 0 | |
| JERSEY CITY | 79.9 | 65.8 | 72.9 | - 1.1 | 90 | 31 | 53 | 14 | 1 | 1 | 0 | 0 | 0 | 3.55 | -.95 | 1.11 | 21 | .0 | 0 | | 5 | 4 | 1 | |
| LAMBERTVILLE | 84.6 | 62.9 | 73.8 | .9 | 91 | 31+ | 48 | 14 | 2 | 4 | 0 | 0 | 0 | 4.92 | -.46 | 1.01 | 21 | .0 | 0 | | 8 | 4 | 1 | |
| LAYTON 3 NW | 81.4 | 59.0 | 70.2 | .5 | 90 | 31 | 43 | 18 | 7 | 1 | 0 | 0 | 0 | 4.50 | -.05 | 1.64 | 26 | .0 | 0 | | 6 | 4 | 1 | |
| LITTLE FALLS | 84.6 | 63.2 | 73.9 | 1.1 | 92 | 31 | 49 | 14 | 2 | 5 | 0 | 0 | 0 | 4.70 | -.57 | .88 | 21 | .0 | 0 | | 9 | 3 | 0 | |
| LONG VALLEY | 81.6 | 60.4 | 71.0 | | 92 | 31 | 44 | 14 | 6 | 1 | 0 | 0 | 0 | 4.83 | -.48 | 2.00 | 21 | .0 | 0 | | 9 | 3 | 1 | |
| MORRIS PLAINS | 81.0 | 61.4 | 71.2 | | 90 | 11 | 48 | 14 | 4 | 1 | 0 | 0 | 0 | 4.50 | | .95 | 21 | .0 | 0 | | 10 | 3 | 0 | |
| NEWARK WB AIRPORT | R 83.6 | 68.0 | 75.8 | 2.7 | 93 | 31 | 58 | 14 | 0 | 8 | 0 | 0 | 0 | 4.22 | .03 | 1.22 | 26 | .0 | 0 | | 7 | 5 | 1 | |
| NEWTON | 81.4 | 60.6 | 71.0 | .8 | 90 | 11 | 45 | 18 | 9 | 1 | 0 | 0 | 0 | 5.29 | .63 | 1.32 | 26 | .0 | 0 | | 10 | 3 | 1 | |
| PATERSON | 83.4 | 65.7 | 74.6 | 1.0 | 93 | 11 | 53 | 14 | 2 | 7 | 0 | 0 | 0 | 6.48 | 1.44 | 2.25 | 27 | .0 | 0 | | 11 | 4 | 2 | |
| PHILLIPSBURG | 85.3 | 61.5 | 73.4 | 1.1 | 92 | 31 | 47 | 15 | 2 | 2 | 0 | 0 | 0 | 3.25 | - 2.06 | 1.46 | 21 | .0 | 0 | | 6 | 1 | 1 | |
| PLAINFIELD | 83.4 | 63.7 | 73.6 | .5 | 92 | 31 | 49 | 14 | 1 | 3 | 0 | 0 | 0 | 4.70 | -.70 | 1.30 | 20 | .0 | 0 | | 8 | 4 | 1 | |
| SOMERVILLE | 83.5 | 62.7 | 73.1 | .3 | 91 | 31 | 47 | 14 | 3 | 3 | 0 | 0 | 0 | 3.14 | - 2.27 | 1.27 | 21 | .0 | 0 | | 8 | 1 | 1 | |
| SUSSEX | 79.5 | 59.6 | 69.6 | - 1.6 | 87 | 11 | 48 | 18 | 15 | 0 | 0 | 0 | 0 | 4.46 | -.41 | .76 | 21 | .0 | 0 | | 11 | 2 | 0 | |
| OIVISION | | | 72.1 | .0 | | | | | | | | | | 4.42 | -.65 | | | .0 | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 83.6 | 66.1 | 74.9 | 2.0 | 92 | 29+ | 52 | 19 | 0 | 5 | 0 | 0 | 0 | 1.73 | - 2.85 | .59 | 29 | .0 | 0 | | 4 | 1 | 0 | |
| AUDUBON | 85.0 | 64.9 | 75.0 | | 92 | 31+ | 52 | 14 | 0 | 8 | 0 | 0 | 0 | 3.28 | | .97 | 23 | .0 | 0 | | 7 | 3 | 0 | |
| BELLEPLAIN STA FOREST | 85.7 | 62.3 | 74.0 | | 92 | 31+ | 44 | 19 | 4 | 9 | 0 | 0 | 0 | 1.23 | - 4.65 | .33 | 21 | .0 | 0 | | 5 | 0 | 0 | |
| BURLINGTON | 86.2 | 65.6 | 75.9 | .4 | 94 | 11+ | 56 | 19+ | 0 | 10 | 0 | 0 | 0 | 5.49 | .90 | 2.55 | 1 | .0 | 0 | | 5 | 4 | 2 | |
| CHATSWORTH | 84.3 | 62.9 | 73.6 | | 92 | 9 | 47 | 19 | 4 | 4 | 0 | 0 | 0 | 7.17 | | 3.38 | 23 | .0 | 0 | | 8 | 4 | 2 | |
| CLAYTON | 82.4 | 64.7 | 73.6 | | 91 | 9 | 52 | 19+ | 1 | 1 | 0 | 0 | 0 | 3.08 | | .78 | 20 | .0 | 0 | | 5 | 4 | 0 | |
| FREEHOLD | 82.7 | 63.5 | 73.1 | .0 | 90 | 31+ | 51 | 14 | 1 | 2 | 0 | 0 | 0 | 4.11 | -.89 | 1.15 | 21 | .0 | 0 | | 10 | 2 | 2 | |
| HAMMONTON 2 NNE | 85.6 | 65.2 | 75.4 | 1.2 | 93 | 10 | 53 | 18+ | 0 | 8 | 0 | 0 | 0 | 5.28 | -.67 | .99 | 23 | .0 | 0 | | 9 | 6 | 0 | |
| HIGHTSTOWN 1 N | 83.6 | 63.1 | 73.4 | .6 | 92 | 9 | 49 | 14 | 2 | 4 | 0 | 0 | 0 | 4.01 | -.76 | 1.36 | 21 | .0 | 0 | | 8 | 3 | 1 | |
| INOIAN MILLS 2 W | 83.5 | 62.0 | 72.8 | -.1 | 91 | 9 | 46 | 19+ | 5 | 4 | 0 | 0 | 0 | 5.86 | .25 | 2.44 | 1 | .0 | 0 | | 10 | 3 | 1 | |
| MILLVILLE | 84.4 | 66.2 | 75.3 | | 91 | 10 | 55 | 18+ | 0 | 4 | 0 | 0 | 0 | 1.73 | | .46 | 20 | .0 | 0 | | 6 | 0 | 0 | |
| MILLVILLE FAA AIRPORT | 83.6 | 65.2 | 74.4 | | 91 | 9 | 50 | 19 | 0 | 3 | 0 | 0 | 0 | 1.89 | | .46 | 20 | .0 | 0 | | 6 | 0 | 0 | |
| MOORESTOWN | 82.7 | 64.0 | 73.4 | .3 | 91 | 31+ | 49 | 14 | 2 | 3 | 0 | 0 | 0 | 4.17 | -.76 | 1.14 | 21 | .0 | 0 | | 6 | 4 | 1 | |
| NEW BRUNSWICK EXP STA | 82.8 | 63.1 | 73.0 | -.1 | 90 | 31 | 50 | 14 | 2 | 1 | 0 | 0 | 0 | 6.32 | 1.54 | 1.38 | 3 | .0 | 0 | | 10 | 5 | 2 | |
| NEW MONMOUTH | 83.0 | 64.5 | 73.8 | | 90 | 11+ | 51 | 14 | 0 | 2 | 0 | 0 | 0 | 6.12 | | 1.88 | 3 | .0 | 0 | | 9 | 4 | 3 | |
| PEMBERTON 3 E | 84.4 | 61.8 | 73.1 | -.9 | 90 | 31+ | 45 | 14 | 4 | 5 | 0 | 0 | 0 | 6.90 | - 1.97 | 3.59 | 1 | .0 | 0 | | 6 | 3 | 3 | |
| SHILOH | 83.7 | 65.0 | 74.4 | .3 | 90 | 9 | 52 | 19+ | 0 | 1 | 0 | 0 | 0 | 3.54 | - 1.56 | 1.01 | 21 | .0 | 0 | | 8 | 3 | 1 | |
| TOMS RIVER | 84.9 | 61.3M | 73.1M | | 94 | 10 | 48 | 19+ | 2 | 7 | 0 | 0 | 0 | 4.62 | | 1.64 | 23 | .0 | 0 | | 5 | 4 | 2 | |
| TRENTON WB CITY | 82.2 | 66.0 | 74.1 | .9 | 90 | 31+ | 55 | 14 | 0 | 3 | 0 | 0 | 0 | 4.08 | -.51 | 1.48 | 23 | .0 | 0 | | 7 | 3 | 1 | |
| TUCKERTON | 84.5 | 63.6 | 74.1 | | 92 | 29+ | 46 | 19 | 4 | 9 | 0 | 0 | 0 | 1.40 | | .70 | 21 | .0 | 0 | | 4 | 1 | 0 | |
| WOOSTOWN | 84.7 | 64.1 | 74.4 | | 91 | 28+ | 50 | 14 | 0 | 5 | 0 | 0 | 0 | 2.87 | | 1.17 | 21 | .0 | 0 | | 7 | 1 | 1 | |
| OIVISION | | | 74.0 | .5 | | | | | | | | | | 4.04 | - 1.16 | | | .0 | | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R 79.1 | 69.4 | 74.3 | 1.2 | 88 | 29 | 60 | 19 | 0 | 0 | 0 | 0 | 0 | 2.12 | - 2.60 | .78 | 29 | .0 | 0 | | 4 | 3 | 0 | |
| CAPE MAY 3 W | 83.1 | 69.0 | 76.1 | | 88 | 29+ | 56 | 19 | 0 | 0 | 0 | 0 | 0 | 2.65 | | 1.13 | 30 | .0 | 0 | | 6 | 2 | 1 | |
| LONG BRANCH | R 81.6 | 65.5 | 73.6 | .8 | 90 | 31+ | 53 | 14 | 0 | 2 | 0 | 0 | 0 | 3.21 | - 2.16 | .82 | 23 | .0 | 0 | | 6 | 4 | 0 | |
| OIVISION | | | 74.7 | 1.1 | | | | | | | | | | 2.66 | - 2.25 | | | .0 | | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset | |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|--|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| ATLANTIC CITY WB AIRPORT | S | 13 | 7.3 | 18 | NE | 1 | 88 | 88 | 58 | 75 | 5 | 4 | 3 | 1 | 0 | 0 | 13 | 55 | 6.5 | |
| ATLANTIC CITY | - | - | 8.5 | 20 | S | 21+ | - | - | - | - | 0 | 3 | 1 | 3 | 0 | 0 | 7 | - | - | |
| LONG BRANCH | W | - | - | 28 | E | 21 | - | 85 | 65 | 71 | 4 | 3 | 2 | 4 | 0 | 0 | 13 | 64 | 4.6 | |
| NEWARK WB AIRPORT | SW | 18 | 8.1 | 22++ | WNW | 12 | 81 | 83 | 59 | 66 | 4 | 2 | 2 | 4 | 1 | 0 | 13 | - | 5.6 | |
| TRENTON WB CITY | S | - | 7.0 | 23 | NW | 13 | - | - | - | - | 2 | 2 | 4 | 2 | 1 | 0 | 11 | 65 | 5.7 | |
| & 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

NEW JERSEY
AUGUST 1961

- 88 -

DAILY TEMPERAT URES

NEW JERSEY
AUGUST 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX | 79 | 77 | 81 | 82 | 80 | 80 | 90 | 88 | 90 | 88 | 87 | 88 | 79 | 80 | 81 | 88 | 79 | 81 | 77 | 77 | 82 | 85 | 75 | 85 | 83 | 82 | 89 | 92 | 92 | 85 | 90 | 83.6 |
| | MIN | 66 | 60 | 70 | 67 | 67 | 65 | 66 | 68 | 69 | 72 | 74 | 74 | 60 | 55 | 61 | 62 | 61 | 54 | 52 | 63 | 67 | 64 | 70 | 70 | 74 | 73 | 73 | 72 | 70 | 63 | 66 | 66.1 |
| ATLANTIC CITY | MAX | 76 | 75 | 78 | 77 | 76 | 76 | 80 | 83 | 85 | 80 | 84 | 86 | 78 | 76 | 76 | 82 | 73 | 75 | 74 | 76 | 77 | 74 | 78 | 78 | 78 | 85 | 84 | 88 | 81 | 86 | 79.1 | |
| | MIN | 70 | 70 | 71 | 69 | 69 | 70 | 71 | 71 | 72 | 73 | 74 | 74 | 65 | 61 | 67 | 68 | 68 | 63 | 60 | 65 | 69 | 68 | 72 | 72 | 73 | 74 | 73 | 73 | 72 | 66 | 69 | 69.4 |
| AUGUBON | MAX | 82 | 78 | 80 | 83 | 81 | 85 | 89 | 88 | 91 | 91 | 86 | 90 | 77 | 79 | 85 | 89 | 82 | 83 | 80 | 75 | 84 | 86 | 74 | 89 | 90 | 86 | 90 | 92 | 91 | 86 | 92 | 85.0 |
| | MIN | 68 | 60 | 68 | 67 | 65 | 62 | 65 | 66 | 68 | 70 | 71 | 73 | 62 | 52 | 55 | 63 | 62 | 54 | 53 | 60 | 60 | 63 | 68 | 69 | 72 | 73 | 72 | 70 | 72 | 64 | 65 | 64.9 |
| BELLEPLAIN STA FOREST | MAX | 84 | 78 | 82 | 84 | 79 | 83 | 90 | 90 | 92 | 89 | 89 | 87 | 85 | 83 | 84 | 90 | 90 | 80 | 79 | 76 | 83 | 85 | 81 | 87 | 86 | 84 | 91 | 92 | 92 | 89 | 92 | 85.7 |
| | MIN | 70 | 53 | 67 | 67 | 60 | 61 | 62 | 65 | 63 | 66 | 73 | 72 | 60 | 46 | 51 | 63 | 62 | 49 | 44 | 51 | 58 | 63 | 67 | 67 | 72 | 72 | 72 | 64 | 68 | 70 | 58 | 62.3 |
| BELVIDERE | MAX | 80 | 77 | 78 | 82 | 80 | 78 | 84 | 82 | 86 | 86 | 83 | 82 | 78 | 73 | 80 | 84 | 81 | 78 | 77 | 75 | 72 | 79 | 77 | 80 | 85 | 81 | 85 | 86 | 85 | 82 | 89 | 80.8 |
| | MIN | 66 | 60 | 62 | 66 | 65 | 63 | 65 | 58 | 61 | 65 | 64 | 69 | 56 | 48 | 52 | 61 | 52 | 50 | 55 | 58 | 58 | 60 | 64 | 65 | 68 | 69 | 69 | 65 | 68 | 59 | 64 | 61.5 |
| BOONTON 2 SE | MAX | 87 | 81 | 71 | 74 | 82 | 79 | 80 | 84 | 84 | 85 | 87 | 83 | 84 | 74 | 75 | 81 | 84 | 78 | 82 | 78 | 76 | 73 | 81 | 72 | 82 | 86 | 83 | 85 | 88 | 86 | 83 | 80.9 |
| | MIN | 66 | 60 | 63 | 65 | 63 | 62 | 66 | 59 | 63 | 66 | 64 | 68 | 63 | 50 | 51 | 60 | 54 | 50 | 53 | 59 | 60 | 62 | 67 | 67 | 68 | 72 | 72 | 64 | 68 | 65 | 67 | 62.5 |
| BURLINGTON | MAX | 83 | 78 | 78 | 83 | 82 | 86 | 90 | 90 | 94 | 93 | 94 | 90 | 85 | 80 | 87 | 90 | 84 | 84 | 82 | 75 | 81 | 85 | 82 | 87 | 87 | 86 | 89 | 93 | 93 | 87 | 93 | 86.2 |
| | MIN | 70 | 63 | 68 | 67 | 66 | 65 | 67 | 66 | 66 | 66 | 66 | 74 | 65 | 56 | 58 | 57 | 66 | 59 | 56 | 62 | 61 | 63 | 68 | 68 | 73 | 74 | 72 | 70 | 70 | 64 | 67 | 65.6 |
| CANOE BROOK | MAX | 90 | 80 | 73 | 73 | 81 | 78 | 80 | 86 | 87 | 88 | 90 | 85 | 85 | 73 | 76 | 83 | 85 | 79 | 83 | 82 | 77 | 76 | 83 | 71 | 81 | 87 | 84 | 87 | 88 | 88 | 83 | 82.0 |
| | MIN | 65 | 60 | 64 | 64 | 62 | 62 | 65 | 58 | 61 | 66 | 63 | 68 | 57 | 46 | 51 | 62 | 52 | 53 | 52 | 58 | 61 | 62 | 66 | 67 | 69 | 72 | 77 | 66 | 67 | 66 | 63 | 62.1 |
| CAPE MAY 3 W | MAX | 80 | 79 | 82 | 84 | 79 | 81 | 84 | 86 | 87 | 87 | 88 | 88 | 87 | 83 | 80 | 88 | 81 | 79 | 79 | 77 | 80 | 81 | 80 | 83 | 83 | 80 | 86 | 87 | 88 | 86 | 83 | 83.1 |
| | MIN | 72 | 64 | 71 | 68 | 66 | 68 | 70 | 71 | 73 | 71 | 75 | 76 | 74 | 60 | 68 | 68 | 66 | 61 | 56 | 67 | 64 | 68 | 72 | 71 | 72 | 71 | 72 | 73 | 71 | 70 | 69 | 69.0 |
| CHARLOTTEBURG | MAX | 86 | 79 | 68 | 73 | 83 | 77 | 79 | 80 | 83 | 85 | 85 | 82 | 82 | 72 | 73 | 80 | 88 | 78 | 80 | 80 | 77 | 70 | 80 | 70 | 80 | 85 | 81 | 84 | 85 | 83 | 80 | 79.6 |
| | MIN | 64 | 57 | 61 | 64 | 63 | 61 | 64 | 56 | 59 | 56 | 64 | 66 | 60 | 45 | 50 | 55 | 51 | 48 | 51 | 55 | 57 | 60 | 63 | 65 | 66 | 67 | 71 | 67 | 67 | 62 | 61 | 59.9 |
| CMATSWORTH | MAX | 85 | 77 | 80 | 81 | 77 | 81 | 87 | 88 | 92 | 91 | 89 | 88 | 86 | 77 | 83 | 87 | 84 | 81 | 79 | 75 | 81 | 84 | 82 | 86 | 84 | 86 | 89 | 91 | 87 | 84 | 90 | 84.3 |
| | MIN | 70 | 53 | 67 | 67 | 61 | 59 | 65 | 63 | 65 | 68 | 70 | 71 | 61 | 49 | 51 | 60 | 61 | 52 | 47 | 58 | 62 | 62 | 61 | 68 | 74 | 74 | 74 | 67 | 68 | 61 | 64 | 62.9 |
| CLAYTON | MAX | 84 | 77 | 75 | 80 | 80 | 82 | 85 | 85 | 91 | 88 | 83 | 87 | 81 | 78 | 82 | 85 | 82 | 80 | 79 | 73 | 80 | 81 | 76 | 83 | 82 | 81 | 85 | 88 | 88 | 84 | 89 | 82.4 |
| | MIN | 69 | 64 | 68 | 65 | 64 | 61 | 63 | 68 | 67 | 72 | 71 | 74 | 61 | 52 | 53 | 64 | 63 | 52 | 52 | 55 | 62 | 67 | 68 | 72 | 71 | 72 | 66 | 67 | 73 | 64 | 65 | 64.7 |
| ELIZABETH | MAX | 78 | 75 | 71 | 78 | 77 | 79 | 88 | 88 | 90 | 91 | 87 | 87 | 78 | 77 | 84 | 83 | 83 | 85 | 81 | 77 | 75 | 82 | 78 | 81 | 87 | 86 | 89 | 89 | 88 | 85 | 92 | 82.9 |
| | MIN | 65 | 61 | 64 | 64 | 65 | 64 | 68 | 63 | 65 | 67 | 66 | 71 | 59 | 50 | 54 | 63 | 60 | 55 | 56 | 60 | 60 | 61 | 66 | 67 | 71 | 72 | 70 | 67 | 70 | 66 | 66 | 63.7 |
| ESSEX FELS SERV BLOC | MAX | 89 | 81 | 73 | 74 | 82 | 79 | 80 | 86 | 86 | 89 | 90 | 84 | 84 | 75 | 78 | 84 | 87 | 80 | 84 | 81 | 77 | 76 | 83 | 72 | 80 | 87 | 85 | 90 | 90 | 88 | 85 | 82.5 |
| | MIN | 64 | 60 | 64 | 64 | 63 | 61 | 65 | 59 | 62 | 66 | 64 | 70 | 54 | 47 | 53 | 63 | 53 | 50 | 53 | 59 | 60 | 62 | 65 | 66 | 68 | 73 | 71 | 65 | 69 | 60 | 63 | 61.8 |
| FLEMINGTON 1 NE | MAX | 85 | 85 | 79 | 84 | 81 | 83 | 87 | 88 | 90 | 90 | 86 | 87 | 85 | 77 | 84 | 87 | 85 | 85 | 84 | 79 | 80 | 84 | 79 | 88 | 89 | 86 | 88 | 90 | 88 | 90 | 92 | 85.3 |
| | MIN | 68 | 58 | 64 | 65 | 63 | 60 | 67 | 58 | 62 | 65 | 62 | 70 | 60 | 45 | 49 | 63 | 54 | 49 | 49 | 56 | 60 | 60 | 67 | 66 | 68 | 71 | 71 | 66 | 69 | 62 | 62 | 61.6 |
| FREEHOLD | MAX | 80 | 74 | 73 | 79 | 78 | 80 | 87 | 87 | 89 | 90 | 86 | 87 | 80 | 76 | 83 | 87 | 80 | 81 | 78 | 75 | 81 | 82 | 79 | 83 | 86 | 84 | 88 | 89 | 88 | 83 | 90 | 82.7 |
| | MIN | 67 | 58 | 65 | 65 | 63 | 61 | 65 | 64 | 66 | 69 | 69 | 71 | 61 | 51 | 54 | 60 | 61 | 53 | 55 | 58 | 60 | 60 | 68 | 66 | 71 | 71 | 71 | 68 | 69 | 61 | 66 | 63.5 |
| HAMMONTON 2 NNE | MAX | 92 | 79 | 81 | 82 | 84 | 81 | 85 | 88 | 90 | 93 | 91 | 89 | 88 | 78 | 78 | 85 | 90 | 82 | 84 | 84 | 85 | 84 | 88 | 74 | 88 | 86 | 84 | 90 | 92 | 92 | 84 | 85.6 |
| | MIN | 70 | 59 | 64 | 67 | 64 | 61 | 66 | 67 | 68 | 70 | 72 | 73 | 65 | 53 | 57 | 62 | 62 | 53 | 55 | 62 | 61 | 62 | 66 | 68 | 71 | 73 | 74 | 70 | 70 | 70 | 65 | 65.2 |
| HIGH POINT PARK | MAX | 82 | 75 | 64 | 65 | 67 | 65 | 75 | 84 | 81 | 86 | 83 | 75 | 61 | 70 | 70 | 80 | 82 | 72 | 78 | 80 | 74 | 64 | 78 | 72 | 75 | 80 | 76 | 82 | 85 | 76 | 79 | 76.0 |
| | MIN | 62 | 58 | 57 | 58 | 60 | 58 | 59 | 61 | 59 | 63 | 62 | 64 | 51 | 44 | 49 | 55 | 48 | 54 | 55 | 56 | 52 | 53 | 56 | 62 | 62 | 63 | 64 | 62 | 62 | 55 | 56 | 57.4 |
| HIGHTSTOWN 1 N | MAX | 79 | 74 | 75 | 80 | 85 | 82 | 89 | 89 | 92 | 90 | 86 | 90 | 80 | 77 | 83 | 89 | 82 | 81 | 79 | 75 | 79 | 82 | 75 | 86 | 89 | 83 | 86 | 91 | 88 | 85 | 89 | 83.6 |
| | MIN | 67 | 58 | 65 | 65 | 61 | 60 | 66 | 61 | 65 | 67 | 67 | 72 | 60 | 49 | 54 | 62 | 58 | 51 | 51 | 57 | 60 | 62 | 67 | 67 | 72 | 73 | 73 | 68 | 70 | 62 | 65 | 63.1 |
| INDIAN MILLS 2 W | MAX | 79 | 77 | 80 | 84 | 82 | 82 | 87 | 88 | 91 | 89 | 85 | 87 | 76 | 78 | 82 | 88 | 80 | 84 | 79 | 76 | 80 | 84 | 74 | 86 | 85 | 83 | 88 | 90 | 90 | 83 | 90 | 83.5 |
| | MIN | 68 | 55 | 66 | 66 | 60 | 59 | 62 | 62 | 63 | 67 | 68 | 71 | 59 | 46 | 51 | 60 | 60 | 47 | 46 | 56 | 60 | 60 | 67 | 67 | 82 | 73 | 73 | 69 | 68 | 60 | 62 | 62.0 |
| JERSEY CITY | MAX | 79 | 71 | 69 | 76 | 73 | 75 | 85 | 85 | 87 | 86 | 83 | 84 | 79 | 75 | 81 | 86 | 76 | 80 | 76 | 75 | 72 | 81 | 72 | 79 | 80 | 79 | 86 | 87 | 87 | 83 | 90 | 79.9 |
| | MIN | 66 | 64 | 65 | 64 | 68 | 68 | 69 | 67 | 68 | 72 | 70 | 73 | 59 | 53 | 60 | 66 | 60 | 59 | 62 | 63 | 61 | 64 | 68 | 65 | 69 | 72 | 71 | 70 | 71 | 64 | 68 | 65.8 |
| LAMBERTVILLE | MAX | 84 | 81 | 77 | 82 | 82 | 83 | 87 | 86 | 90 | 90 | 87 | 87 | 84 | 78 | 8 | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
AUGUST 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 82 | 79 | 82 | 86 | 81 | 82 | 86 | 87 | 90 | 89 | 88 | 86 | 82 | 77 | 83 | 89 | 88 | 82 | 79 | 74 | 78 | 83 | 80 | 83 | 83 | 82 | 87 | 89 | 89 | 84 | 89 | 83.7 |
| | MIN | 60 | 61 | 68 | 66 | 63 | 62 | 65 | 67 | 68 | 69 | 72 | 73 | 65 | 52 | 58 | 61 | 63 | 54 | 52 | 60 | 61 | 62 | 70 | 68 | 73 | 69 | 72 | 73 | 71 | 63 | 65 | 65.0 |
| SOMERVILLE | MAX | 83 | 81 | 76 | 80 | 79 | 82 | 87 | 86 | 89 | 90 | 82 | 87 | 82 | 77 | 83 | 87 | 82 | 82 | 79 | 75 | 79 | 84 | 76 | 85 | 88 | 86 | 87 | 90 | 87 | 85 | 91 | 83.5 |
| | MIN | 67 | 59 | 64 | 66 | 65 | 61 | 67 | 59 | 63 | 66 | 65 | 70 | 57 | 47 | 51 | 60 | 58 | 51 | 51 | 59 | 61 | 61 | 68 | 68 | 72 | 74 | 73 | 66 | 67 | 62 | 65 | 62.7 |
| SUSSEX | MAX | 86 | 78 | 68 | 75 | 76 | 78 | 80 | 81 | 84 | 85 | 87 | 86 | 85 | 72 | 72 | 81 | 80 | 76 | 80 | 81 | 78 | 67 | 79 | 70 | 80 | 86 | 84 | 84 | 85 | 80 | 82 | 79.5 |
| | MIN | 65 | 60 | 60 | 61 | 60 | 64 | 61 | 59 | 60 | 60 | 65 | 65 | 58 | 49 | 49 | 54 | 51 | 48 | 50 | 54 | 55 | 57 | 64 | 65 | 60 | 68 | 70 | 66 | 66 | 65 | 60 | 59.6 |
| TOMS RIVER | MAX | 76 | 80 | 78 | 80 | 82 | 84 | 86 | 90 | 92 | 94 | 90 | 93 | 85 | 78 | 85 | 89 | 85 | 88 | 82 | 73 | 80 | 84 | 78 | 88 | 85 | 90 | 87 | 90 | 89 | 82 | 89 | 84.9 |
| | MIN | 60 | 65 | 70 | 68 | 82 | 72 | 58 | 58 | 56 | 56 | 50 | 80 | 68 | 48 | 50 | 62 | 60 | 72 | 48 | 60 | 62 | 50 | 60 | 63 | 70 | 60 | 61 | 67 | 60 | 62 | 64 | 61.3 |
| TRENTON WB CITY | MAX | 77 | 74 | 74 | 80 | 78 | 82 | 88 | 87 | 90 | 89 | 81 | 87 | 75 | 77 | 83 | 87 | 78 | 81 | 79 | 75 | 78 | 82 | 73 | 87 | 85 | 82 | 87 | 90 | 89 | 84 | 90 | 82.2 |
| | MIN | 66 | 62 | 66 | 65 | 65 | 64 | 70 | 68 | 70 | 71 | 71 | 73 | 60 | 55 | 60 | 66 | 61 | 58 | 59 | 60 | 61 | 63 | 67 | 68 | 74 | 74 | 73 | 71 | 72 | 66 | 68 | 66.0 |
| TUCKERTON | MAX | 85 | 78 | 80 | 80 | 77 | 80 | 87 | 86 | 90 | 90 | 90 | 90 | 87 | 80 | 81 | 90 | 85 | 80 | 77 | 75 | 82 | 83 | 78 | 85 | 87 | 84 | 89 | 92 | 92 | 91 | 90 | 84.5 |
| | MIN | 68 | 54 | 70 | 66 | 61 | 63 | 65 | 65 | 66 | 69 | 72 | 72 | 61 | 50 | 51 | 62 | 62 | 47 | 46 | 57 | 60 | 63 | 68 | 68 | 72 | 73 | 73 | 69 | 70 | 64 | 65 | 63.6 |
| WOODSTOWN | MAX | 86 | 78 | 82 | 83 | 79 | 83 | 87 | 88 | 87 | 91 | 87 | 88 | 85 | 80 | 85 | 90 | 83 | 83 | 80 | 76 | 80 | 85 | 78 | 86 | 85 | 84 | 89 | 91 | 90 | 86 | 90 | 84.7 |
| | MIN | 71 | 59 | 68 | 67 | 64 | 62 | 64 | 63 | 67 | 71 | 71 | 72 | 59 | 50 | 54 | 62 | 63 | 51 | 52 | 59 | 60 | 61 | 69 | 68 | 70 | 72 | 68 | 71 | 73 | 62 | 63 | 64.1 |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| CANOE BROOK | EVAP | .16 | .18 | .05 | - | .10 | .09 | .14 | .18 | .14 | .22 | .18 | .03 | .15 | .23 | .17 | .19 | .17 | .21 | .18 | .10 | .08 | .03 | .13 | .01 | .02 | .09 | - | .16 | .13 | .16 | .15 | B4.00 | |
| | WIND | 20 | 34 | 10 | 14 | 11 | 3 | 26 | 14 | 11 | 8 | 20 | 10 | 16 | 43 | 20 | 33 | 22 | 18 | 10 | 10 | 21 | 24 | 10 | 9 | 13 | 27 | 29 | 3 | 9 | 29 | 23 | 550 | |
| PEMBERTON 3 E | EVAP | - | .22 | .05 | .06 | .25 | .07 | .11 | .18 | .25 | .19 | .04 | .16 | .23 | .23 | .18 | .19 | .32 | .19 | .19 | .09 | .08 | .15 | - | .05 | .14 | .18 | .17 | .09 | .27 | .13 | .18 | B4.96 | |
| | WIND | 20 | 38 | 18 | 18 | 21 | 12 | 19 | 16 | 18 | 25 | 24 | 27 | 35 | 21 | 26 | 31 | 38 | 20 | 13 | 14 | 51 | 30 | 26 | 22 | 24 | 48 | 21 | 16 | 27 | 22 | 23 | 764 | |

DAILY SOIL TEMPERATURES

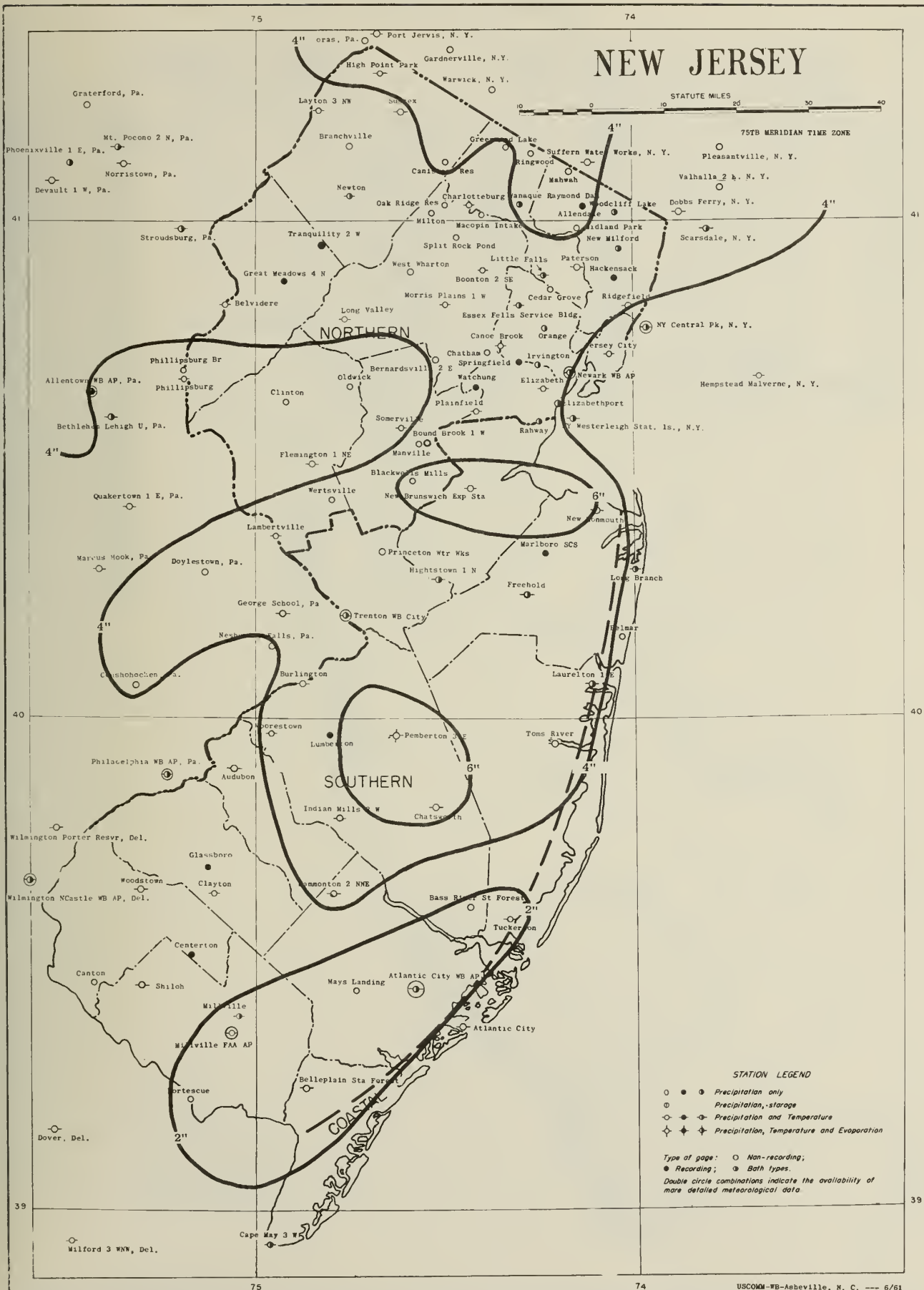
| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 81 | 75 | 73 | 81 | 78 | 80 | 83 | 80 | 83 | 82 | 78 | 82 | 78 | 77 | 70 | 78 | 81 | 81 | 76 | 73 | 74 | 76 | 72 | 79 | 80 | 78 | 80 | 80 | 80 | 79 | 79 | 78.6 |
| | MIN | 73 | 70 | 70 | 70 | 71 | 69 | 72 | 70 | 71 | 72 | 73 | 74 | 72 | 66 | 66 | 69 | 68 | 66 | 66 | 67 | 67 | 67 | 71 | 70 | 73 | 73 | 73 | 72 | 73 | 71 | 72 | 70.3 |
| 2 INCHES | MAX | 80 | 74 | 72 | 79 | 77 | 78 | 81 | 79 | 82 | 81 | 77 | 81 | 77 | 76 | 76 | 77 | 79 | 79 | 75 | 72 | 73 | 75 | 71 | 78 | 78 | 78 | 79 | 79 | 79 | 78 | 77 | 77.4 |
| | MIN | 73 | 70 | 70 | 70 | 71 | 69 | 72 | 70 | 71 | 72 | 73 | 73 | 72 | 67 | 67 | 69 | 68 | 67 | 67 | 67 | 67 | 71 | 70 | 72 | 73 | 73 | 72 | 73 | 72 | 73 | 71 | 72 |
| 4 INCHES | MAX | 77 | 74 | 72 | 74 | 73 | 74 | 78 | 77 | 78 | 78 | 76 | 78 | 76 | 74 | 74 | 75 | 75 | 75 | 73 | 71 | 70 | 73 | 71 | 74 | 75 | 76 | 77 | 78 | 78 | 75 | 76 | 75.0 |
| | MIN | 75 | 72 | 71 | 71 | 71 | 70 | 72 | 72 | 72 | 74 | 74 | 73 | 73 | 69 | 69 | 70 | 70 | 68 | 68 | 68 | 69 | 71 | 70 | 71 | 73 | 73 | 73 | 73 | 74 | 72 | 73 | 71.3 |
| 8 INCHES | MAX | 75 | 73 | 72 | 72 | 72 | 73 | 74 | 74 | 74 | 74 | 75 | 76 | 74 | 74 | 72 | 73 | 73 | 72 | 72 | 72 | 70 | 70 | 71 | 72 | 73 | 74 | 74 | 74 | 75 | 75 | 74 | 73.1 |
| | MIN | 74 | 73 | 71 | 71 | 71 | 71 | 72 | 72 | 73 | 68 | 74 | 74 | 74 | 71 | 70 | 71 | 71 | 70 | 70 | 69 | 69 | 69 | 70 | 75 | 71 | 73 | 73 | 73 | 74 | 73 | 73 | 71.6 |
| 16 INCHES | MAX | 73 | 73 | 72 | 72 | 71 | 71 | 71 | 71 | 72 | 72 | 73 | 73 | 73 | 72 | 71 | 70 | 71 | 71 | 71 | 70 | 69 | 70 | 69 | 70 | 70 | 71 | 71 | 72 | 73 | 72 | 71.5 | |
| | MIN | 72 | 72 | 71 | 71 | 70 | 70 | 70 | 70 | 70 | 71 | 72 | 72 | 72 | 71 | 70 | 69 | 69 | 69 | 69 | 69 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 68 | 68 | 68 | 69 | 70.3 |
| 32 INCHES | MAX | 70 | 70 | 70 | 70 | 70 | 69 | 69 | 68 | 69 | 69 | 69 | 69 | 70 | 71 | 70 | 69 | 69 | 70 | 69 | 69 | 69 | 68 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 70 | 69 | 69.2 |
| | MIN | 69 | 70 | 70 | 69 | 69 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 70 | 69 | 69 | 68 | 68 | 68 | 68 | 68 | 68 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 | 68.4 |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 82 | 74 | 73 | 83 | 80 | 83 | 88 | 87 | 94 | 93 | 83 | 89 | 85 | 81 | 88 | 88 | 89 | 92 | 84 | 77 | 78 | 82 | 71 | 84 | 87 | 85 | 86 | 87 | 85 | 83 | 86 | 84.1 |
| | MIN | 69 | 65 | 67 | 67 | 67 | 65 | 69 | 67 | 68 | 71 | 72 | 72 | 67 | 60 | 63 | 67 | 64 | 63 | 64 | 65 | 65 | 64 | 70 | 69 | 72 | 73 | 73 | 70 | 71 | 65 | 69 | 67.6 |
| 2 INCHES | MAX | 82 | 74 | 72 | 82 | 80 | 83 | 87 | 87 | 93 | 92 | 82 | 88 | 85 | 80 | 87 | 87 | 88 | 90 | 83 | 76 | 78 | 81 | 71 | 83 | 86 | 84 | 85 | 86 | 85 | 82 | 86 | 83.4 |
| | MIN | 69 | 65 | 67 | 67 | 67 | 65 | 69 | 69 | 68 | 71 | 72 | 73 | 69 | 63 | 65 | 67 | 64 | 63 | 64 | 65 | 65 | 64 | 70 | 69 | 72 | 73 | 73 | 70 | 71 | 65 | 69 | 67.6 |
| 4 INCHES | MAX | 80 | 74 | 72 | 80 | 77 | 80 | 85 | 84 | 89 | 88 | 81 | 84 | 82 | 82 | 84 | 84 | 87 | 80 | 75 | 75 | 79 | 71 | 81 | 82 | 81 | 82 | 84 | 83 | 80 | 83 | 81.1 | |
| | MIN | 72 | 67 | 68 | 68 | 69 | 66 | 70 | 68 | 69 | 72 | 73 | 73 | 69 | 63 | 65 | 68 | 67 | 65 | 66 | 67 | 66 | 65 | 70 | 67 | 72 | 73 | 73 | 71 | 72 | 67 | 69 | 68.8 |
| 8 INCHES | MAX | 77 | 73 | 71 | 74 | 73 | 75 | 78 | 78 | 81 | 81 | 78 | 79 | 78 | 76 | 77 | 78 | 78 | 79 | 76 | 72 | 71 | 74 | 71 | 75 | 77 | 76 | 77 | 78 | 75 | 77 | 76.2 | |
| | MIN | 75 | 71 | 70 | 69 | 70 | 68 | 71 | 71 | 71 | 74 | 75 | 74 | 72 | 68 | 69 | 71 | 70 | 69 | 70 | 69 | 68 | 67 | 70 | 69 | 72 | 73 | 73 | 72 | 73 | 70 | 71 | 70.8 |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Elektronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

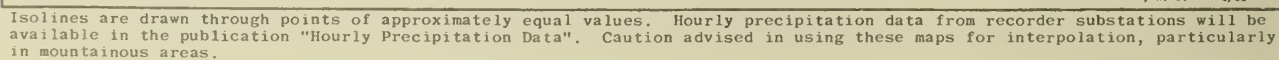
TOTAL PRECIPITATION

NEW JERSEY
AUGUST 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

NEW JERSEY
AUGUST 1961



STATION INDEX

NEW JERSEY
AUGUST 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | OBSERVER |
|-----------------------|-----------|------------|------------|----------|-----------|-----------|-----------------------------|-------|--------------------|-----------------------------|
| | | | | | | | TEMP. | EVAP. | SPECIAL (SEE NOTE) | |
| ALLENDALE | 0100 | BERGEN | 8 41 02 | 74 08 | 270 | | | | | C BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 39 27 | 74 35 | 58 | MID | | | | C HJ U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 39 23 | 74 26 | 10 | MID | | | | C J STATE MARINA |
| AUDUBON | 0346 | CAMDEN | 2 39 54 | 75 04 | 50 | 11P | | | | M IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 39 31 | 74 26 | 20 | 6P | | | | M N.J. FORESTRY SERVICE |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 39 15 | 74 52 | 30 | 5P | | | | C BELLEPLAIN STATE FOREST |
| BELMAR | 0721 | MONMOUTH | 1 40 10 | 74 02 | 19 | 8A | | | | C BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 40 50 | 75 05 | 275 | 5P | | | | C N CLEMENT HAUT |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 6 40 43 | 74 12 | 240 | 7A | | | | C BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 40 29 | 74 35 | 27 | 7A | | | | C HENRY M. MILLER |
| BOHNTON 2 SE | 0907 | MORRIS | 6 40 54 | 74 24 | 280 | 8A | | | | C JERSEY CITY WATER WORKS |
| BOUDO BROOK 3 W | 0927 | SOMERSET | 10 40 33 | 74 33 | 20 | 8A | | | | C AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 41 09 | 74 45 | 580 | 7A | | | | C ALBERT N. DAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 40 04 | 74 53 | 12 | 6P | | | | C PUBLIC SVC. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 41 07 | 74 30 | 1040 | 8A | | | | C NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 40 45 | 74 21 | 180 | 9A | | | | C COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 39 28 | 75 25 | 20 | 9A | | | | C GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 38 57 | 74 58 | 10 | 5P | | | | C N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1412 | ESSEX | 8 40 52 | 74 13 | 400 | 8A | | | | C J. A. PLUNKETT |
| CENTERTON | 1512 | SALEM | 6 39 31 | 75 10 | 80 | 7A | | | | C JOHN NOKINS UNL. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 41 03 | 74 26 | 760 | 7A | | | | C NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 40 44 | 74 23 | 185 | 8A | | | | C EDWARD P. MOLITOR |
| CHATSWORTH | 1598 | BURLINGTON | 1 39 49 | 74 32 | 100 | 5P | | | | C EARL M. KERCHNER |
| CLAYTON | 1708 | GLoucester | 6 39 39 | 75 06 | 120 | 6P | | | | C HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDOON | 10 40 38 | 74 55 | 300 | 6P | | | | C L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 40 40 | 74 14 | 33 | 5P | | | | C UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 40 38 | 74 12 | 10 | MID | | | | C SEWAGE TREATMENT PLANT |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 8 40 50 | 74 18 | 250 | 8A | | | | C BOROUGH ESSEX FELS |
| FLEMINGTON 1 NE | 3029 | HUNTERDOON | 10 40 31 | 74 51 | 134 | 5P | | | | C DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 39 14 | 75 10 | 5 | 7A | | | | C JOHN LOPER |
| FREEMOLD | 3181 | MONMOUTH | 10 40 15 | 74 17 | 194 | 6P | | | | C H FRANK J. MOREAU |
| GLASSBORO | 3291 | GLoucester | 2 39 42 | 75 07 | 150 | | | | | C GLASSBORO STATE COLLEGE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 40 06 | 74 55 | 540 | | | | | C GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 41 09 | 74 20 | 660 | 7A | | | | C GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 40 53 | 74 03 | 10 | | | | | C BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 39 39 | 74 48 | 85 | 8A | | | | C W. HUBBARD PARKENURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 41 18 | 74 40 | 1570 | 8A | | | | C N. J. DEPT. OF CONSV. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 40 17 | 74 31 | 100 | 6P | | | | C JAMES R. PICKERING |
| INDIAN MILLS 2 W | 4229 | BURLINGTON | 7 39 48 | 74 47 | 100 | 7P | | | | C EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 40 43 | 74 15 | 120 | MID | | | | C JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 40 44 | 74 04 | 135 | MID | | | | C JERSEY CITY WATER DEPT. |
| LANBERTVILLE | 4635 | HUNTERDOON | 2 40 22 | 74 57 | 75 | 6P | | | | C E. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 40 04 | 74 07 | 20 | MID | | | | C H GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 41 15 | 74 51 | 480 | 6P | | | | C M. M. DEPUÉ |
| LITTLE FALLS | 4887 | PASSAIC | 8 40 53 | 74 14 | 150 | 9A | | | | C H PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 40 18 | 74 00 | 20 | MID | | | | C HJ WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 40 48 | 74 46 | 660 | 6P | | | | C H ARTHUR BARENAN |
| LUMBERTON | 5055 | BURLINGTON | 2 39 58 | 74 48 | 25 | | | | | C JAMES LAWTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 41 01 | 74 24 | 584 | 9A | | | | C NEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 8 41 06 | 74 10 | 253 | 7A | | | | C ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 40 33 | 74 34 | 50 | MID | | | | C JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 40 20 | 74 14 | 120 | | | | | C GEROW BRILL |
| MATS LANDING | 5346 | ATLANTIC | 3 39 27 | 74 44 | 10 | 9A | | | | C COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | BERGEN | 8 40 59 | 74 09 | 210 | MID | | | | C RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 39 24 | 75 03 | 60 | 8A | | | | C H L. J. GALLANER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 39 22 | 75 04 | 70 | MID | | | | C MILLVILLE FAA AIRPORT |
| MILTON | 5597 | MORRIS | 8 41 01 | 74 32 | 950 | 7A | | | | C J STATE MARINA |
| MOORESTOWN | 5728 | BURLINGTON | 2 39 58 | 74 58 | 55 | MID | | | | C MORRIS PLAINS |
| MORRIS PLAINS | 5769 | MORRIS | 8 40 50 | 74 30 | 500 | 8A | | | | C MORRIS |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 40 42 | 74 10 | 11 | MID | | | | C NEWARK WB AIRPORT |
| NEW BRUNSWICK EXP STA | 5062 | MIDDLESEX | 10 40 28 | 74 26 | 86 | 5P | | | | C NEW BRUNSWICK EXP STA |
| NEW MILFORD | 6146 | BERGEN | 4 40 57 | 74 02 | 12 | MID | | | | C NEW MILFORD |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 40 25 | 74 06 | 30 | 4P | | | | C NEW MONMOUTH |
| NEWTON | 6177 | SUSSEX | 2 41 03 | 74 45 | 565 | 8A | | | | C NEWTON WTR. & SWR. COMM. |
| OAK RIDGE RESERVOIR | 6440 | PASSAIC | 8 41 02 | 74 30 | 870 | 8A | | | | C NEWARK WATER DEPT. |
| OLIVICK | 6544 | HUNTERDOON | 10 40 40 | 74 45 | 260 | 8A | | | | C DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 40 47 | 74 14 | 140 | MID | | | | C COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 40 54 | 74 09 | 100 | 8A | | | | C N. J. DEL. VECNIO |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 39 58 | 74 38 | 80 | 5P | | | | C PHILLIP E. NARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 40 41 | 75 12 | 182 | 3P | | | | C SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 40 42 | 75 12 | 194 | 9A | | | | C JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 40 36 | 74 25 | 120 | 8P | | | | C MRS VIVIAN SCHNER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 40 20 | 74 40 | 60 | MID | | | | C PRINCETON WATER CO. |
| RAHWAY | 7593 | UNION | 9 40 36 | 74 15 | 20 | MID | | | | C RAHWAY VLY. SWG. AUTH. |
| RINGWOOD | 7587 | PASSAIC | 8 41 08 | 74 16 | 305 | 10A | | | | C NO. JERSEY WTR. SUPPLY |
| SMILON | 8051 | CUMBERLAND | 2 39 28 | 75 18 | 120 | 5P | | | | C EVERETT DICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 40 34 | 74 37 | 75 | 6P | | | | C W. E. NAVER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 40 58 | 74 28 | 800 | 10A | | | | C JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 40 43 | 74 18 | - | | | | | C N. J. DEPT. OF CONSV. |
| SUSSEX | 8644 | SUSSEX | 5 41 13 | 74 37 | 440 | 7A | | | | C BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 39 57 | 74 13 | 10 | 6P | | | | C TONS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 40 57 | 74 50 | 551 | | | | | C N. J. JERVEY |
| TRENTON WB CITY | 8863 | MERCER | 2 40 13 | 74 46 | 56 | MID | | | | C U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 39 36 | 74 20 | 10 | 6P | | | | C REV. WALTER T. GANOK |
| WANAUKE RAYMOND DAN | 9187 | PASSAIC | 8 41 03 | 74 18 | 320 | 8A | | | | C WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 40 40 | 74 25 | - | | | | | C BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDOON | 10 40 27 | 74 48 | 160 | 7A | | | | C ROBERT M. MANNERS |
| WEST WHARTON | 9608 | MORRIS | 8 40 54 | 74 36 | 880 | 7A | | | | C M. J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 41 01 | 74 03 | 103 | MID | | | | C MACKENACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 39 39 | 75 19 | 50 | 5P | | | | C CREAM VALLEY DAIRY |

† 3-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.

G "Soil Temperature" Table.

H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.

J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

V J
U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

SEPTEMBER 1961

Volume 66 No. 9



ASHEVILLE: 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 97° on the 5th at Little Falls and Woodstown

Lowest Temperature: 31° on the 30th at Flemington 1 NE and Long Valley

Greatest Total Precipitation: 5.95 inches at Tuckerton

Least Total Precipitation: 1.08 inches at West Wharton

Greatest One-Day Precipitation: 3.08 inches on the 21st at Mays Landing

SPECIAL WEATHER SUMMARY

The month was notable for exceptional warmth and unusual dryness except for the rainfall associated with Hurricane Esther.

Monthly mean temperatures averaged much above normal in all sections. At WBO, Trenton, N. J., the monthly mean was 72.9°, or 5.9° above the normal of 67.0°. This established an all-time September record, exceeding the previous mark of 72.8° set in 1895. It is probable that, for the State as a whole, this was likewise the warmest September over the past 75 years or so, since systematic temperature observations began.

The month began with a heat wave, which brought near - or above - 90° daily maximum readings from the 1st through the 6th. Thereafter, until the 15th - 16th, temperatures moderated somewhat except for a second wave of 90° heat about the 10th - 13th. Relief came with the passage of a cold front on the 16th, and until about the 23rd temperatures were near normal but seemed cooler by contrast with the abnormal warmth of the first half month. A third heat wave around the 23rd - 24th was followed by a cooling trend the 25th - 27th and a cold air mass arriving on the 29th tumbled the mercury to near-freezing in some localities on the morning of the 30th.

Fairly widespread showers fell on the 3rd, and there were scattered showers and thunderstorms on other days during the first half of the month. The weather was generally fair, warm and dry, however, until general rain fell on the 14 - 15th in advance of a cold front. This rain came from widespread showers and thunderstorms. One of the latter caused some tree and property damage in the Flemington area on the morning of the 15th. Thereafter, except for fairly general showers on the 19th and the Hurricane Esther rainfall on the 20 - 21st, there was no significant precipitation. The hurricane, in short, transformed a below-normal September into one with near or above normal monthly precipitation generally over the State.

During the morning of the 21st, Hurricane Esther passed northward off the New Jersey coast. At 3:00 a.m. its center was located about 140 miles east of Atlantic City; at 11:00 a.m., it was about 130 miles east of Newark. Thus, the State was affected by the western side of the storm, which brought heavy rainfall to practically all stations. Winds reached hurricane force, in gusts, only along a narrow strip of the south-east coast. Gale force gusts were experienced over roughly the whole State except for the northwestern counties. No violent or prolonged winds, however, occurred with Esther's passage, and damage was comparatively light.

No deaths were attributable to the hurricane. Only three injuries occurred, when the sea wall at Margate collapsed under heavy seas. Most of the damage occurred along the coast, from the high seas and storm surge set up by the hurricane winds. The damage from high winds was confined mainly to the shore areas of South and Central New Jersey, though trees were downed, branches broken, and power lines broken at interior locations also. There were no widespread interruptions to utility service. Air traffic was suspended, but other modes of transportation were scarcely affected. The State Department of Agriculture reported only slight crop damage, mainly apple-drops. As a matter of fact, for agricultural purposes, the benefit of the hurricane rainfall far outweighed the wind losses. There was no stream flooding because antecedent conditions were dry, and Esther did not produce the very heavy amounts required for general flooding. The pertinent statistics on the hurricane from the Weather Bureau stations in the State are tabulated below.

James K. McGuire
Area Climatologist, Northeast
Weather Bureau Office
30 Rockefeller Plaza
New York 20, New York

HURRICANE ESTHER, 9-21-61

| <u>Location</u> | <u>Lowest Pressure (Sea Level) Inches of Mercury</u> | <u>Fastest (1-minute Wind)</u> | <u>Peak Gust</u> | <u>Total Rainfall</u> |
|---------------------|--|--|----------------------|---------------------------|
| Atlantic City WB AP | 29.47 | NW 46 mph | 69 mph | 3.04 in. |
| Newark WB AP | 29.54 | NNW 46 mph | 62 mph | 0.57 in. |
| Trenton WB City | 29.64 | NW 34 mph | 55* mph | 1.23 in. |

* From nearby location.

CLIMATOLOGICAL DATA

NEW JERSEY
SEPTEMBER 1961

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|--|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|----------------|-------|--------------------------------------|--------------|------|-------------|-------------------------|------|-------------|-------------|--------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | | | | | | | | | Total | Max. Depth on Ground | Date | .10 or More | .50 or More | 1.00 or More |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 81.1 | 58.4 | 69.8 | 3.8 | 90 | 4 | 37 | 30 | 58 | 1 | 0 | 0 | 0 | 2.03 | - 1.70 | 1.03 | 21 | .0 | 0 | | 3 | 1 | 1 |
| BOONTON 2 SE | | 81.3 | 58.6 | 70.0 | 6.5 | 91 | 13+ | 36 | 30 | 63 | 7 | 0 | 0 | 0 | 1.64 | - 2.64 | 1.03 | 21 | .0 | 0 | | 4 | 1 | 1 |
| CANOE BROOK | | 82.2 | 58.5 | 70.4 | 6.3 | 93 | 13+ | 38 | 29+ | 61 | 10 | 0 | 0 | 0 | 2.28 | - 2.11 | 1.26 | 21 | .0 | 0 | | 4 | 2 | 1 |
| CHARLOTTEBURG | | 80.2 | 57.4 | 68.8 | 6.2 | 90 | 6+ | 36 | 30 | 68 | 3 | 0 | 0 | 0 | 1.43 | - 2.97 | 1.09 | 21 | .0 | 0 | | 3 | 1 | 1 |
| ELIZABETH | | 84.2 | 61.7 | 73.0 | 5.8 | 95 | 4+ | 41 | 30 | 31 | 12 | 0 | 0 | 0 | 2.16 | - 2.18 | 1.02 | 21 | .0 | 0 | | 4 | 2 | 1 |
| ESSEX FELS SERV BLDG | | 82.5M | 58.1M | 70.3M | | 93 | 5+ | 38 | 30 | 63 | 11 | 0 | 0 | 0 | 1.59 | - .80 | .80 | 21 | .0 | 0 | | 3 | 2 | 0 |
| FLEMINGTON 1 NE | | 84.3 | 57.9 | 71.1 | 4.3 | 95 | 12 | 31 | 30 | 61 | 12 | 0 | 1 | 0 | 2.28 | - 1.21 | 1.39 | 21 | .0 | 0 | | 4 | 1 | 1 |
| HIGH POINT PARK | | 78.5 | 55.2 | 66.9 | 90 | 13+ | 35 | 29 | 91 | 4 | 0 | 0 | 0 | 0 | 2.08 | - .81 | .81 | 21 | .0 | 0 | | 4 | 2 | 0 |
| JERSEY CITY | | 79.2 | 64.1 | 71.7 | 4.7 | 93 | 4 | 45 | 30 | 38 | 4 | 0 | 0 | 0 | 2.91 | - .95 | 1.36 | 21 | .0 | 0 | | 4 | 2 | 1 |
| LAMBERTVILLE | | 83.9 | 60.2 | 72.1 | 6.1 | 93 | 4+ | 38 | 30 | 44 | 11 | 0 | 0 | 0 | 2.80 | - .49 | 2.03 | 21 | .0 | 0 | | 4 | 1 | 1 |
| LAYTON 3 NW | | 80.7 | 56.3 | 68.5 | 6.4 | 94 | 4 | 32 | 29 | 89 | 4 | 0 | 1 | 0 | 2.04 | - 1.71 | 1.12 | 21 | .0 | 0 | | 2 | 2 | 1 |
| LITTLE FALLS | | 85.1 | 60.6 | 72.9 | 7.2 | 97 | 5 | 40 | 30 | 33 | 14 | 0 | 0 | 0 | 2.09 | - 2.51 | 1.01 | 21 | .0 | 0 | | 3 | 2 | 1 |
| LONG VALLEY | | 81.3 | 56.1 | 68.7 | 92 | 4 | 31 | 30 | 74 | 8 | 0 | 1 | 0 | 0 | 1.45 | - 2.44 | .76 | 21 | .0 | 0 | | 4 | 1 | 0 |
| MORRIS PLAINS | | 82.4 | 59.1 | 70.8 | 94 | 13+ | 34 | 30 | 56 | 9 | 0 | 0 | 0 | 0 | 1.19 | - .81 | .21 | 21 | .0 | 0 | | 2 | 1 | 0 |
| NEWARK WB AIRPORT | | 83.0 | 66.0 | 74.5 | 7.7 | 95 | 12+ | 49 | 30 | 21 | 9 | 0 | 0 | 0 | 1.49 | - 2.40 | .47 | 15 | .0 | 0 | | 4 | 0 | 0 |
| NEWTON | | 81.5 | 56.1 | 68.8 | 5.7 | 92 | 13+ | 32 | 30 | 81 | 7 | 0 | 1 | 0 | 1.46 | - 2.40 | .77 | 21 | .0 | 0 | | 3 | 1 | 0 |
| PATERSON | | 83.5 | 63.3 | 73.4 | 7.0 | 96 | 2 | 44 | 30 | 28 | 11 | 0 | 0 | 0 | 2.52 | - 1.67 | 1.23 | 21 | .0 | 0 | | 3 | 2 | 2 |
| PHILLIPSBURG | | 85.1 | 60.1 | 72.6 | 7.4 | 93 | 13+ | 36 | 30 | 44 | 15 | 0 | 0 | 0 | 1.50 | - 2.52 | .80 | 21 | .0 | 0 | | 4 | 1 | 0 |
| PLAINFIELD | | 83.0 | 61.9 | 72.5 | 6.4 | 94 | 5+ | 40 | 30 | 37 | 10 | 0 | 0 | 0 | 2.48 | - 2.03 | | | .0 | 0 | | | | |
| SOMERVILLE | | 82.9 | 60.3 | 71.6 | 5.6 | 93 | 5+ | 35 | 30 | 48 | 11 | 0 | 0 | 0 | 1.83 | - 1.61 | .70 | 21 | .0 | 0 | | 5 | 2 | 0 |
| SUSSEX | | 80.3 | 57.8 | 69.1 | 5.3 | 90 | 2 | 33 | 30 | 75 | 1 | 0 | 0 | 0 | 1.91 | - 1.75 | .68 | 21 | .0 | 0 | | 5 | 1 | 0 |
| DIVISION | | | | 70.8 | 5.8 | | | | | | | | | | 1.96 | - 2.07 | | | .0 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 82.9 | 63.8 | 73.4 | 6.0 | 95 | 3 | 42 | 30 | 29 | 9 | 0 | 0 | 0 | 3.36 | - .01 | 1.59 | 20 | .0 | 0 | | 3 | 2 | 2 |
| AUDUBON | | 84.1 | 63.3 | 73.7 | | 95 | 3 | 40 | 30 | 27 | 11 | 0 | 0 | 0 | 2.62 | - | 1.32 | 21 | .0 | 0 | | 5 | 3 | 1 |
| BELLEPLAIN STA FOREST | | 84.4 | 60.4 | 72.4 | | 96 | 3 | 34 | 30 | 43 | 9 | 0 | 0 | 0 | 2.88 | - 1.16 | 2.04 | 21 | .0 | 0 | | 5 | 1 | 1 |
| BURLINGTON | | 85.3 | 64.8 | 75.1 | 6.3 | 95 | 13+ | 38 | 30 | 15 | 12 | 0 | 0 | 0 | 2.90 | - .83 | 1.90 | 21 | .0 | 0 | | 3 | 2 | 1 |
| CHATSWORTH | | 83.5 | 60.6 | 72.1 | | 94 | 4+ | 34 | 30 | 47 | 11 | 0 | 0 | 0 | 4.10 | - | 2.54 | 21 | .0 | 0 | | 5 | 2 | 1 |
| CLAYTON | | 82.9 | 63.3 | 73.1 | | 92 | 5+ | 38 | 29 | 34 | 7 | 0 | 0 | 0 | 1.58 | - | .79 | 21 | .0 | 0 | | 4 | 1 | 0 |
| FREEHOLD | | 81.7 | 61.8 | 71.8 | 5.4 | 93 | 1 | 42 | 30 | 39 | 8 | 0 | 0 | 0 | 2.49 | - 1.38 | 1.82 | 21 | .0 | 0 | | 3 | 1 | 1 |
| HAMMONTON 2 NNE | | 84.3 | 62.3 | 73.3 | 5.7 | 94 | 13+ | 39 | 30 | 37 | 11 | 0 | 0 | 0 | 2.25 | - 1.24 | 1.91 | 21 | .0 | 0 | | 2 | 1 | 1 |
| HIGHTSTOWN 1 N | | 81.4 | 60.6 | 71.0 | 4.9 | 93 | 12 | 36 | 30 | 53 | 7 | 0 | 0 | 0 | 2.67 | - 1.44 | 1.58 | 21 | .0 | 0 | | 4 | 1 | 1 |
| INDIAN MILLS 2 W | | 83.0 | 59.4 | 71.2 | 4.2 | 94 | 3 | 32 | 30 | 55 | 10 | 0 | 1 | 0 | 3.48 | - .03 | 2.32 | 21 | .0 | 0 | | 4 | 2 | 1 |
| MILLVILLE | | 83.7 | 64.2 | 74.0 | | 95 | 6+ | 42 | 30 | 22 | 10 | 0 | 0 | 0 | 2.79 | - | 1.28 | 21 | .0 | 0 | | 4 | 2 | 2 |
| MILLVILLE FAA AIRPORT | | 83.2 | 63.6 | 73.4 | | 94 | 5+ | 41 | 30 | 31 | 9 | 0 | 0 | 0 | 3.21 | - | 1.28 | 20 | .0 | 0 | | 4 | 3 | 2 |
| MOORESTOWN | | 82.1 | 62.1 | 72.1 | 5.8 | 93 | 5 | 37 | 30 | 44 | 8 | 0 | 0 | 0 | 3.48 | - .19 | 2.02 | 21 | .0 | 0 | | 4 | 2 | 1 |
| NEW BRUNSWICK EXP STA | | 81.8 | 61.1 | 71.5 | 4.9 | 90 | 13+ | 38 | 30 | 47 | 6 | 0 | 0 | 0 | 2.60 | - 1.59 | 1.35 | 21 | .0 | 0 | | 4 | 2 | 1 |
| NEW MONMOUTH | | 81.6 | 62.8 | 72.2 | | 92 | 2 | 40 | 30 | 29 | 7 | 0 | 0 | 0 | 2.83 | - | 1.42 | 21 | .0 | 0 | | 5 | 2 | 1 |
| PEMBERTON 3 E | | 83.7 | 59.4 | 71.6 | 4.1 | 93 | 5+ | 34 | 30 | 47 | 10 | 0 | 0 | 0 | 3.17 | - .52 | 2.17 | 21 | .0 | 0 | | 4 | 1 | 1 |
| SHILOH | | 82.6 | 62.6 | 72.6 | 4.6 | 93 | 5+ | 43 | 30 | 31 | 7 | 0 | 0 | 0 | 2.22 | - 1.69 | 1.33 | 21 | .0 | 0 | | 2 | 2 | 1 |
| TOMS RIVER | | 83.6 | 61.6 | 72.6 | | 95 | 23+ | 34 | 30 | 31 | 11 | 0 | 0 | 0 | 4.23 | - | 2.00 | 21 | .0 | 0 | | 5 | 3 | 1 |
| TRENTON WB CITY | | 81.6 | 64.1 | 72.9 | 5.9 | 93 | 12+ | 44 | 30 | 34 | 8 | 0 | 0 | 0 | 1.72 | - 2.03 | .89 | 21 | .0 | 0 | | 3 | 1 | 0 |
| TUCKERTON | | 82.1 | 60.7 | 71.4 | | 93 | 12+ | 34 | 30 | 43 | 8 | 0 | 0 | 0 | 5.95 | - | 2.75 | 20 | .0 | 0 | | | | 2 |
| WOODSTOWN | | 84.8M | 62.1M | 73.5M | | 97 | 5 | 38 | 30 | 35 | 11 | 0 | 0 | 0 | 2.27 | - | 1.00 | 21 | .0 | 0 | | 3 | 2 | 1 |
| DIVISION | | | | 72.6 | 5.7 | | | | | | | | | | 2.99 | - .79 | | | .0 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | 77.7 | 66.8 | 72.3 | 4.0 | 88 | 3 | 53 | 29 | 10 | 0 | 0 | 0 | 0 | 3.36 | - .15 | 1.38 | 20 | .0 | 0 | | 4 | 3 | 2 |
| CAPE MAY 3 W | | 81.8M | 67.2M | 74.5M | | 91 | 12 | 49 | 30 | 10 | 2 | 0 | 0 | 0 | 3.62 | - | 2.86 | 20 | .0 | 0 | | 2 | 2 | 1 |
| LONG BRANCH | | 80.4 | 63.9 | 72.2 | 6.1 | 95 | 1 | 42 | 30 | 31 | 6 | 0 | 0 | 0 | 3.05 | - .96 | .93 | 21 | .0 | 0 | | 6 | 3 | 0 |
| DIVISION | | | | 73.0 | 5.3 | | | | | | | | | | 3.34 | - .40 | | | .0 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | NE | 12 | 10.2 | 46 | NW | 21 | 86 | 89 | 54 | 75 | 3 | 3 | 1 | 0 | 2 | 0 | 9 | 64 | 4.4 |
| ATLANTIC CITY | - | - | - | 63 | NNW | 21 | - | - | - | - | - | 2 | 1 | 1 | 2 | 0 | - | - | - |
| LONG BRANCH | W | 11 | 11.3 | 60 | N | 21 | - | 82 | 82 | 67 | 0 | 2 | 3 | 3 | 0 | 0 | 8 | 70 | 4.6 |
| NEWARK WB AIRPORT | SW | 16 | 8.9 | 46++ | NNW | 21 | 80 | 83 | 54 | 64 | 2 | 2 | 4 | 0 | 0 | 0 | 8 | - | 4.4 |
| TRENTON WB CITY | S | - | 8.1 | 34 | NW | 21 | - | - | - | - | 1 | 2 | 2 | 1 | 0 | 0 | 6 | 72 | 4.7 |
| & 12:00 Noon | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

NEW JERSEY
SEPTEMBER 1961

See reference notes following Station Index.

DAILY TEMPERATURES

NEW JERSEY
SEPTEMBER 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX | 91 | 92 | 95 | 91 | 91 | 89 | 85 | 85 | 86 | 70 | 92 | 94 | 91 | 86 | 76 | 73 | 72 | 70 | 68 | 71 | 81 | 86 | 90 | 87 | 83 | 81 | 76 | 79 | 67 | 69 | 82.9 | |
| | MIN | 70 | 74 | 71 | 70 | 72 | 72 | 69 | 66 | 68 | 70 | 70 | 72 | 70 | 74 | 56 | 47 | 51 | 51 | 63 | 66 | 64 | 65 | 67 | 66 | 70 | 59 | 55 | 57 | 46 | 42 | 63.8 | |
| ATLANTIC CITY | MAX | 82 | 85 | 88 | 84 | 85 | 81 | 79 | 78 | 81 | 81 | 82 | 84 | 78 | 79 | 75 | 71 | 68 | 67 | 68 | 69 | 78 | 83 | 81 | 78 | 81 | 79 | 72 | 78 | 68 | 67 | 77.7 | |
| | MIN | 72 | 74 | 71 | 70 | 73 | 73 | 72 | 71 | 71 | 71 | 73 | 73 | 72 | 74 | 58 | 54 | 58 | 62 | 64 | 66 | 64 | 67 | 68 | 68 | 70 | 62 | 61 | 60 | 53 | 58 | 66.8 | |
| AUDUBON | MAX | 93 | 94 | 95 | 93 | 94 | 90 | 84 | 84 | 88 | 90 | 92 | 94 | 93 | 88 | 76 | 74 | 72 | 72 | 68 | 73 | 83 | 88 | 91 | 88 | 86 | 78 | 80 | 68 | 75 | 84.1 | | |
| | MIN | 68 | 72 | 69 | 70 | 74 | 73 | 70 | 66 | 69 | 68 | 71 | 70 | 71 | 70 | 61 | 52 | 53 | 48 | 62 | 64 | 63 | 65 | 65 | 64 | 68 | 63 | 50 | 57 | 42 | 40 | 63.3 | |
| BELLEPLAIN STA FOREST | MAX | 91 | 95 | 96 | 94 | 94 | 88 | 84 | 85 | 85 | 89 | 92 | 93 | 92 | 89 | 82 | 74 | 72 | 69 | 68 | 73 | 84 | 87 | 91 | 88 | 86 | 84 | 79 | 80 | 75 | 72 | 84.4 | |
| | MIN | 64 | 75 | 70 | 65 | 66 | 65 | 64 | 64 | 60 | 64 | 69 | 70 | 69 | 71 | 61 | 42 | 43 | 49 | 62 | 66 | 64 | 65 | 63 | 61 | 66 | 65 | 49 | 51 | 35 | 34 | 60.4 | |
| BELVIOERE | MAX | 88 | 89 | 87 | 90 | 89 | 87 | 84 | 79 | 84 | 85 | 87 | 88 | 87 | 85 | 78 | 71 | 69 | 72 | 69 | 75 | 78 | 85 | 88 | 87 | 85 | 81 | 74 | 74 | 69 | 70 | 81.1 | |
| | MIN | 65 | 71 | 66 | 67 | 66 | 66 | 68 | 65 | 66 | 64 | 65 | 64 | 67 | 69 | 55 | 44 | 44 | 39 | 53 | 53 | 63 | 58 | 58 | 60 | 60 | 62 | 50 | 47 | 39 | 37 | 58.4 | |
| BOONTON 2 SE | MAX | 90 | 90 | 90 | 91 | 91 | 91 | 87 | 78 | 78 | 85 | 88 | 87 | 91 | 87 | 84 | 71 | 71 | 70 | 72 | 72 | 75 | 75 | 85 | 88 | 87 | 80 | 74 | 73 | 74 | 64 | 81.3 | |
| | MIN | 67 | 68 | 68 | 67 | 71 | 69 | 68 | 63 | 62 | 64 | 64 | 64 | 67 | 67 | 58 | 44 | 47 | 40 | 44 | 58 | 62 | 62 | 61 | 61 | 63 | 62 | 44 | 45 | 43 | 36 | 58.6 | |
| BURLINGTON | MAX | 95 | 95 | 95 | 94 | 95 | 90 | 85 | 82 | 87 | 90 | 93 | 94 | 95 | 89 | 83 | 73 | 72 | 72 | 68 | 74 | 84 | 86 | 92 | 93 | 86 | 83 | 77 | 80 | 73 | 84 | 85.3 | |
| | MIN | 69 | 76 | 72 | 72 | 75 | 75 | 72 | 69 | 70 | 68 | 71 | 71 | 71 | 68 | 58 | 58 | 53 | 48 | 63 | 64 | 64 | 69 | 68 | 68 | 65 | 67 | 54 | 60 | 48 | 38 | 64.8 | |
| CANOE BROOK | MAX | 91 | 93 | 92 | 91 | 92 | 91 | 87 | 78 | 80 | 88 | 90 | 91 | 93 | 90 | 85 | 72 | 71 | 70 | 70 | 67 | 75 | 75 | 86 | 88 | 87 | 80 | 78 | 75 | 76 | 65 | 82.2 | |
| | MIN | 65 | 70 | 66 | 65 | 68 | 67 | 68 | 64 | 61 | 63 | 64 | 64 | 67 | 68 | 58 | 45 | 43 | 38 | 48 | 57 | 62 | 61 | 68 | 62 | 63 | 61 | 43 | 48 | 38 | 40 | 58.5 | |
| CAPE MAY 3 W | MAX | 86 | 89 | 90 | 89 | 87 | 89 | 86 | 83 | 82 | 86 | 87 | 91 | 86 | 84 | 79 | 72 | 72 | 72 | 73 | 77 | 83 | 85 | 84 | 78 | 77 | 78 | 78 | 78 | 68 | 81.8 | | |
| | MIN | 72 | 73 | 74 | 73 | 75 | 73 | 74 | 70 | 67 | 71 | 73 | 74 | 73 | 72 | 65 | 59 | 54 | 56 | 64 | 66 | 69 | 69 | 69 | 70 | 70 | 60 | 64 | 53 | 49 | 67.2 | | |
| CHARLOTTEBURG | MAX | 88 | 90 | 88 | 90 | 89 | 90 | 85 | 75 | 79 | 85 | 86 | 87 | 89 | 87 | 87 | 69 | 69 | 69 | 70 | 65 | 74 | 72 | 83 | 86 | 87 | 80 | 71 | 80 | 72 | 63 | 80.2 | |
| | MIN | 63 | 64 | 65 | 66 | 69 | 67 | 65 | 61 | 61 | 64 | 60 | 61 | 65 | 63 | 61 | 44 | 46 | 37 | 39 | 57 | 61 | 61 | 59 | 63 | 60 | 63 | 48 | 50 | 43 | 36 | 57.4 | |
| CHATSWORTH | MAX | 92 | 93 | 94 | 94 | 92 | 93 | 87 | 81 | 84 | 85 | 90 | 92 | 93 | 91 | 88 | 72 | 71 | 67 | 67 | 71 | 76 | 87 | 90 | 88 | 84 | 78 | 78 | 80 | 75 | 71 | 83.5 | |
| | MIN | 65 | 73 | 65 | 59 | 68 | 69 | 71 | 66 | 62 | 62 | 65 | 68 | 69 | 66 | 66 | 45 | 44 | 45 | 61 | 63 | 61 | 69 | 64 | 65 | 69 | 67 | 45 | 55 | 37 | 34 | 60.6 | |
| CLAYTON | MAX | 90 | 91 | 90 | 92 | 92 | 88 | 85 | 81 | 83 | 85 | 87 | 88 | 91 | 90 | 86 | 81 | 72 | 70 | 68 | 73 | 83 | 85 | 84 | 87 | 88 | 86 | 72 | 77 | 70 | 71 | 82.9 | |
| | MIN | 65 | 73 | 68 | 76 | 75 | 74 | 73 | 72 | 66 | 68 | 67 | 72 | 71 | 69 | 70 | 49 | 49 | 49 | 61 | 62 | 67 | 65 | 60 | 64 | 62 | 67 | 50 | 58 | 38 | 39 | 63.3 | |
| ELIZABETH | MAX | 95 | 95 | 90 | 95 | 94 | 89 | 79 | 91 | 87 | 91 | 92 | 94 | 90 | 88 | 83 | 72 | 74 | 72 | 68 | 73 | 75 | 88 | 92 | 90 | 84 | 81 | 80 | 80 | 70 | 74 | 84.2 | |
| | MIN | 68 | 73 | 70 | 68 | 72 | 71 | 69 | 65 | 64 | 66 | 68 | 69 | 70 | 68 | 55 | 45 | 53 | 46 | 57 | 63 | 62 | 63 | 62 | 65 | 68 | 64 | 55 | 47 | 43 | 41 | 61.7 | |
| ESSEX FELS SERV BLOC | MAX | 92 | 93 | 92 | 92 | 93 | 92 | 92 | 78 | 79 | 86 | 90 | 91 | 92 | 90 | 85 | 73 | 73 | 70 | 72 | 67 | 74 | 74 | 88 | 89 | 87 | 76 | 75 | 77 | 66 | 82.5 | | |
| | MIN | 66 | 73 | 67 | 61 | 70 | 70 | 61 | 63 | 61 | 64 | 66 | 66 | 68 | 67 | 57 | 43 | 46 | 39 | 45 | 57 | 63 | 60 | 59 | 61 | 61 | 46 | 48 | 41 | 38 | 58.1 | | |
| FLEMINGTON 1 NE | MAX | 93 | 93 | 93 | 93 | 92 | 91 | 84 | 85 | 88 | 92 | 92 | 95 | 92 | 89 | 84 | 73 | 73 | 75 | 69 | 75 | 80 | 86 | 90 | 90 | 89 | 80 | 76 | 77 | 67 | 74 | 84.3 | |
| | MIN | 63 | 68 | 67 | 66 | 69 | 65 | 67 | 62 | 65 | 63 | 64 | 64 | 67 | 64 | 57 | 41 | 44 | 36 | 54 | 64 | 65 | 62 | 61 | 59 | 64 | 63 | 41 | 46 | 34 | 31 | 57.9 | |
| FREEHOLD | MAX | 93 | 92 | 91 | 90 | 91 | 85 | 79 | 82 | 85 | 89 | 90 | 91 | 91 | 87 | 82 | 71 | 69 | 69 | 67 | 71 | 76 | 85 | 89 | 85 | 82 | 78 | 74 | 78 | 70 | 70 | 81.7 | |
| | MIN | 67 | 73 | 69 | 71 | 68 | 70 | 67 | 63 | 67 | 66 | 68 | 68 | 69 | 67 | 56 | 45 | 53 | 49 | 59 | 63 | 61 | 63 | 63 | 64 | 68 | 66 | 49 | 56 | 44 | 42 | 61.8 | |
| HAMMONTON 2 NNE | MAX | 91 | 94 | 93 | 94 | 92 | 94 | 93 | 87 | 86 | 87 | 91 | 94 | 94 | 90 | 88 | 72 | 70 | 70 | 70 | 71 | 83 | 85 | 88 | 86 | 84 | 82 | 80 | 75 | 79 | 66 | 84.3 | |
| | MIN | 68 | 72 | 71 | 68 | 72 | 71 | 73 | 64 | 66 | 67 | 70 | 72 | 68 | 63 | 65 | 48 | 48 | 48 | 50 | 63 | 65 | 61 | 66 | 68 | 67 | 62 | 51 | 57 | 45 | 39 | 62.3 | |
| HIGH POINT PARK | MAX | 88 | 89 | 90 | 90 | 90 | 89 | 80 | 71 | 76 | 83 | 86 | 88 | 90 | 84 | 80 | 71 | 68 | 64 | 68 | 71 | 69 | 67 | 81 | 85 | 84 | 79 | 72 | 71 | 70 | 61 | 78.5 | |
| | MIN | 56 | 66 | 65 | 65 | 65 | 64 | 60 | 61 | 62 | 62 | 62 | 63 | 62 | 63 | 50 | 39 | 41 | 42 | 45 | 51 | 58 | 55 | 56 | 65 | 61 | 59 | 44 | 44 | 35 | 36 | 55.2 | |
| HIGHTSTOWN 1 N | MAX | 92 | 91 | 91 | 92 | 91 | 85 | 80 | 81 | 85 | 89 | 89 | 93 | 91 | 86 | 78 | 70 | 69 | 70 | 67 | 72 | 77 | 85 | 88 | 85 | 82 | 76 | 74 | 76 | 65 | 72 | 81.4 | |
| | MIN | 66 | 73 | 69 | 67 | 70 | 69 | 66 | 63 | 66 | 66 | 69 | 69 | 69 | 67 | 55 | 44 | 49 | 43 | 59 | 63 | 63 | 62 | 62 | 62 | 67 | 66 | 46 | 54 | 39 | 36 | 60.6 | |
| INOIAN MILLS 2 W | MAX | 92 | 93 | 94 | 92 | 93 | 90 | 84 | 86 | 85 | 90 | 91 | 93 | 90 | 88 | 78 | 71 | 72 | 72 | 67 | 71 | 81 | 85 | 89 | 89 | 85 | 77 | 76 | 79 | 66 | 72 | 83.0 | |
| | MIN | 64 | 74 | 67 | 66 | 68 | 69 | 67 | 62 | 67 | 64 | 68 | 68 | 66 | 65 | 60 | 40 | 45 | 44 | 60 | 63 | 63 | 65 | 61 | 60 | 64 | 60 | 43 | 52 | 35 | 32 | 59.4 | |
| JERSEY CITY | MAX | 90 | 91 | 82 | 93 | 90 | 87 | 75 | 78 | 82 | 88 | 89 | 89 | 83 | 80 | 74 | 69 | 67 | 67 | 67 | 72 | 72 | 85 | 88 | 83 | 79 | 77 | 73 | 77 | 64 | 64 | 79.2 | |
| | MIN | 73 | 75 | 73 | 70 | 74 | 73 | 69 | 68 | 68 | 69 | 68 | 72 | 73 | 70 | 59 | 48 | 54 | 49 | 59 | 65 | 63 | 83 | 65 | 67 | 69 | 62 | 54 | 58 | 49 | 45 | 64.1 | |
| LAMBERTVILLE | MAX | 91 | 93 | 93 | 93 | 92 | 89 | 85 | 81 | 86 | 90 | 91 | 92 | 92 | 88 | 82 | 73 | 72 | 73 | 67 | 75 | 82 | 89 | 91 | 90 | 86 | 81 | 77 | 77 | 72 | 74 | 83.9 | |
| | MIN | 64 | 74 | 68 | 67 | 69 | 69 | 70 | 64 | 66 | 65 | 67 | 68 | 70 | 67 | 60 | 44 | 44 | 40 | 58 | 64 | 63 | 58 | 62 | 62 | 63 | 63 | 47 | 53 | | | | |

DAILY TEMPERATURES

NEW JERSEY
SEPTEMBER 1961

Continued

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 89 | 90 | 93 | 93 | 93 | 92 | 86 | 86 | 85 | 88 | 90 | 91 | 89 | 78 | 70 | 69 | 71 | 72 | 69 | 72 | 83 | 86 | 89 | 87 | 83 | 82 | 77 | 79 | 77 | 70 | 82.6 | |
| | MIN | 68 | 70 | 72 | 68 | 72 | 72 | 70 | 65 | 67 | 68 | 70 | 71 | 69 | 60 | 49 | 50 | 49 | 49 | 61 | 63 | 65 | 65 | 66 | 66 | 67 | 66 | 51 | 58 | 47 | 43 | 62.6 | |
| SOMERVILLE | MAX | 92 | 92 | 93 | 93 | 93 | 89 | 79 | 81 | 85 | 90 | 91 | 92 | 90 | 85 | 80 | 73 | 73 | 73 | 68 | 77 | 78 | 87 | 90 | 90 | 84 | 78 | 75 | 76 | 68 | 73 | 82.9 | |
| | MIN | 66 | 73 | 68 | 68 | 73 | 70 | 70 | 64 | 65 | 63 | 66 | 65 | 68 | 67 | 58 | 43 | 52 | 44 | 57 | 64 | 64 | 66 | 62 | 62 | 66 | 62 | 44 | 47 | 38 | 35 | 60.3 | |
| SUSSEX | MAX | 89 | 90 | 88 | 88 | 89 | 88 | 85 | 80 | 81 | 83 | 80 | 89 | 89 | 86 | 89 | 68 | 69 | 68 | 69 | 66 | 78 | 75 | 82 | 85 | 84 | 84 | 72 | 74 | 72 | 68 | 80.3 | |
| | MIN | 60 | 70 | 68 | 68 | 68 | 66 | 67 | 69 | 64 | 66 | 63 | 64 | 64 | 65 | 60 | 44 | 44 | 40 | 40 | 54 | 60 | 63 | 59 | 59 | 62 | 60 | 46 | 45 | 43 | 33 | 57.8 | |
| TOMS RIVER | MAX | 92 | 95 | 94 | 93 | 94 | 89 | 83 | 81 | 86 | 93 | 93 | 94 | 90 | 88 | 85 | 76 | 72 | 68 | 67 | 65 | 76 | 83 | 95 | 94 | 84 | 80 | 76 | 76 | 79 | 68 | 83.6 | |
| | MIN | 66 | 70 | 69 | 65 | 65 | 62 | 60 | 62 | 62 | 62 | 70 | 72 | 72 | 71 | 60 | 52 | 60 | 56 | 62 | 60 | 60 | 64 | 70 | 71 | 72 | 62 | 46 | 48 | 42 | 34 | 61.6 | |
| TRENTON W8 CITY | MAX | 92 | 92 | 93 | 92 | 92 | 85 | 79 | 82 | 87 | 89 | 91 | 93 | 90 | 85 | 75 | 70 | 68 | 69 | 66 | 74 | 81 | 86 | 89 | 86 | 83 | 74 | 74 | 76 | 65 | 71 | 81.6 | |
| | MIN | 71 | 76 | 72 | 70 | 76 | 72 | 69 | 66 | 70 | 70 | 72 | 72 | 71 | 70 | 56 | 51 | 52 | 47 | 59 | 64 | 63 | 67 | 69 | 69 | 69 | 59 | 53 | 56 | 48 | 44 | 64.1 | |
| TUCKERTON | MAX | 92 | 93 | 93 | 90 | 92 | 86 | 80 | 82 | 83 | 90 | 90 | 93 | 87 | 85 | 80 | 73 | 72 | 67 | 66 | 69 | 80 | 88 | 86 | 82 | 83 | 80 | 77 | 80 | 75 | 68 | 82.1 | |
| | MIN | 67 | 67 | 68 | 65 | 66 | 68 | 68 | 60 | 72 | 65 | 70 | 70 | 66 | 71 | 56 | 43 | 46 | 55 | 60 | 60 | 60 | 63 | 62 | 62 | 68 | 65 | 47 | 56 | 41 | 34 | 60.7 | |
| WOODSTOWN | MAX | 92 | 92 | 95 | 95 | 97 | 90 | 84 | 85 | 86 | 88 | 91 | 93 | 92 | 92 | 81 | 72 | 73 | 72 | 73 | 76 | 82 | 88 | 90 | 89 | 85 | 76 | 80 | 77 | 72 | 84.8 | | |
| | MIN | 67 | 74 | 76 | 67 | 70 | 71 | 71 | 66 | 67 | 66 | 69 | 68 | 69 | 68 | 61 | 45 | 51 | 48 | 61 | 62 | 65 | 70 | 61 | 62 | 66 | 49 | 53 | 39 | 38 | 62.1 | | |

EVAPORATION AND WIND

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| CANOE BROOK | EVAP | .17 | .14 | .24 | .12 | .17 | .15 | .19 | .02 | .07 | .07 | .14 | .18 | .14 | .16 | .08 | .16 | .11 | .15 | .13 | .01 | .02 | .20 | .06 | .18 | .16 | .09 | .17 | .10 | .12 | .07 | 3.77 | |
| | WIND | 15 | 17 | 7 | 8 | 11 | 13 | 18 | 10 | 2 | 6 | 7 | 11 | 6 | 16 | 30 | 49 | 18 | 22 | 24 | 22 | 116 | 79 | 35 | 12 | 4 | 34 | 22 | 11 | 20 | 23 | 668 | |
| PEMBERTON 3 E | EVAP | .28 | .26 | .22 | .18 | .13 | .16 | .18 | .07 | .22 | .15 | .14 | .11 | .14 | .15 | .19 | .16 | .17 | .11 | .07 | - | - | .13 | .14 | .14 | .14 | .20 | .09 | .15 | .15 | .09 | B4.63 | |
| | WIND | 24 | 22 | 26 | 10 | 8 | 56 | 10 | 12 | 15 | 19 | 18 | 17 | 15 | 40 | 51 | 24 | 39 | 26 | 62 | 67 | 113 | 43 | 10 | 20 | 25 | 33 | 11 | 22 | 22 | 18 | 878 | |
| | MAX | 102 | 102 | 101 | 101 | 97 | 97 | 93 | 90 | 92 | 98 | 100 | 95 | 94 | 93 | 90 | 78 | 77 | 74 | 72 | 71 | 85 | 89 | 90 | 97 | 86 | 82 | 79 | 76 | 74 | 88.8 | | |
| | MIN | 71 | 75 | 77 | 78 | 75 | 76 | 72 | 69 | 77 | 78 | 77 | 73 | 74 | 71 | 68 | 55 | 65 | 55 | 62 | 65 | 65 | 65 | 70 | 70 | 60 | 69 | 56 | 62 | 52 | 48 | 67.6 | |

DAILY SOIL TEMPERATURES

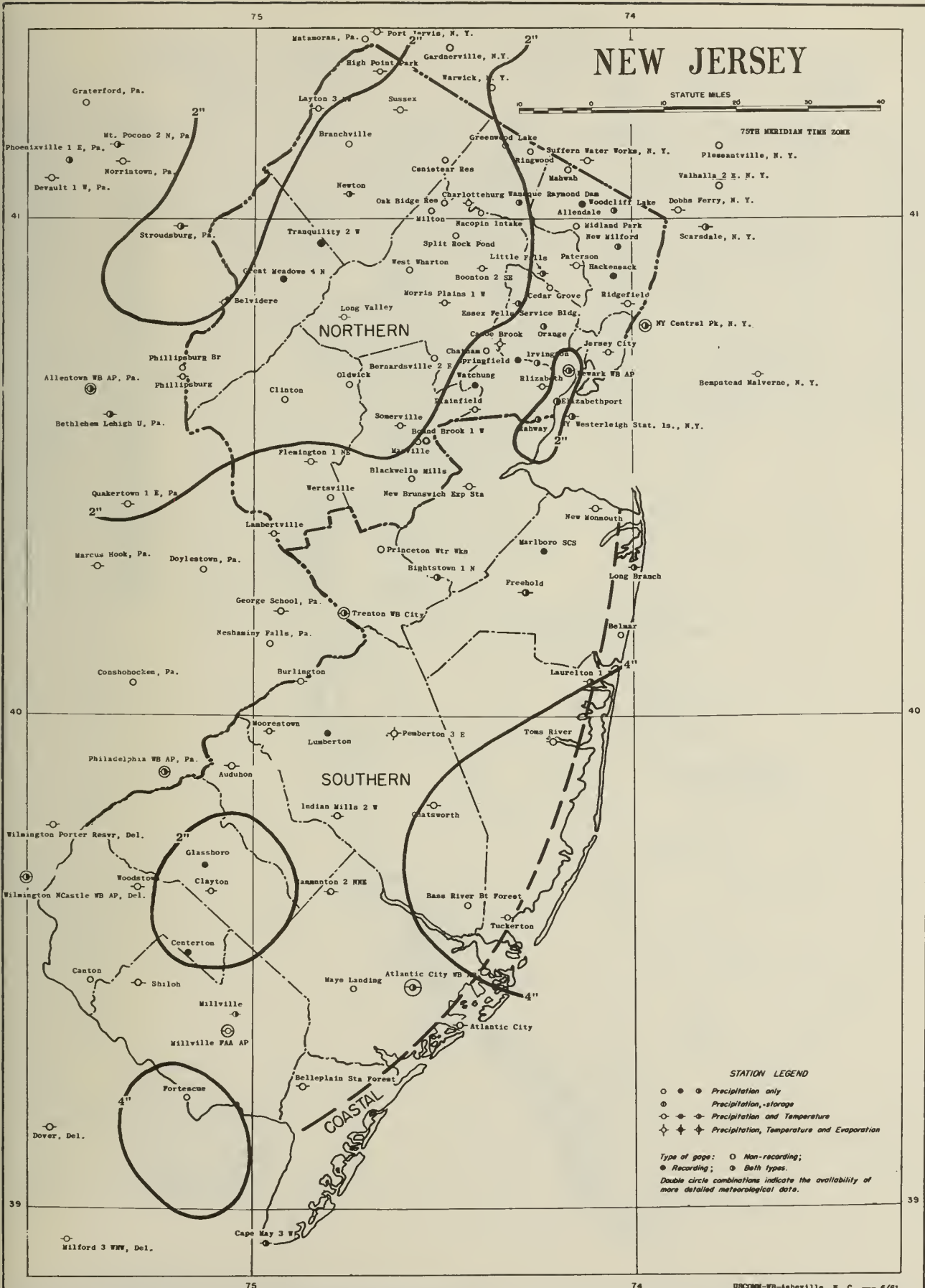
| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 80 | 82 | 83 | 82 | 82 | 83 | 78 | 77 | 79 | 80 | 81 | 82 | 82 | 80 | 73 | 75 | 75 | 74 | 68 | 69 | 68 | 74 | 77 | 78 | 75 | 75 | 71 | 71 | 68 | 70 | 76.4 | |
| | MIN | 72 | 74 | 73 | 74 | 74 | 74 | 73 | 72 | 72 | 72 | 73 | 73 | 73 | 72 | 56 | 63 | 63 | 62 | 65 | 66 | 66 | 65 | 66 | 68 | 70 | 68 | 63 | 63 | 59 | 58 | 68.1 | |
| 2 INCHES | MAX | 79 | 81 | 82 | 81 | 81 | 82 | 77 | 77 | 78 | 79 | 80 | 81 | 81 | 79 | 73 | 74 | 74 | 72 | 68 | 69 | 68 | 73 | 76 | 77 | 75 | 74 | 71 | 70 | 68 | 69 | 75.8 | |
| | MIN | 72 | 74 | 73 | 74 | 74 | 74 | 73 | 72 | 72 | 72 | 73 | 73 | 73 | 72 | 57 | 64 | 64 | 63 | 65 | 66 | 66 | 65 | 66 | 68 | 70 | 68 | 64 | 63 | 60 | 58 | 68.3 | |
| 4 INCHES | MAX | 76 | 78 | 77 | 77 | 79 | 77 | 74 | 74 | 75 | 75 | 76 | 76 | 76 | 75 | 73 | 70 | 69 | 68 | 67 | 67 | 67 | 70 | 72 | 73 | 73 | 70 | 70 | 69 | 67 | 66 | 72.6 | |
| | MIN | 73 | 74 | 74 | 74 | 74 | 74 | 73 | 72 | 72 | 72 | 74 | 73 | 74 | 73 | 70 | 68 | 67 | 65 | 66 | 66 | 67 | 66 | 67 | 69 | 70 | 70 | 67 | 65 | 63 | 61 | 69.8 | |
| 8 INCHES | MAX | 74 | 75 | 75 | 75 | 75 | 76 | 75 | 74 | 73 | 74 | 74 | 74 | 74 | 74 | 74 | 71 | 69 | 68 | 67 | 67 | 67 | 68 | 70 | 70 | 72 | 71 | 69 | 68 | 66 | 65 | 71.5 | |
| | MIN | 73 | 74 | 72 | 74 | 74 | 75 | 74 | 73 | 72 | 73 | 73 | 74 | 74 | 73 | 72 | 69 | 68 | 67 | 67 | 67 | 67 | 67 | 68 | 69 | 70 | 70 | 69 | 67 | 65 | 63 | 70.5 | |
| 16 INCHES | MAX | 72 | 72 | 72 | 73 | 73 | 74 | 74 | 73 | 73 | 72 | 72 | 72 | 73 | 73 | 73 | 73 | 71 | 70 | 68 | 68 | 68 | 68 | 68 | 68 | 70 | 70 | 69 | 68 | 68 | 68 | 70.9 | |
| | MIN | 70 | 71 | 71 | 71 | 72 | 73 | 73 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 72 | 72 | 70 | 69 | 68 | 68 | 67 | 66 | 66 | 67 | 69 | 70 | 68 | 67 | 65 | 69.6 | | |
| 32 INCHES | MAX | 69 | 69 | 69 | 70 | 70 | 71 | 71 | 71 | 70 | 70 | 70 | 70 | 70 | 70 | 72 | 72 | 71 | 71 | 69 | 69 | 68 | 68 | 67 | 67 | 68 | 68 | 69 | 69 | 69 | 69 | 69.5 | |
| | MIN | 68 | 68 | 68 | 68 | 69 | 70 | 70 | 70 | 69 | 69 | 69 | 69 | 69 | 69 | 70 | 71 | 71 | 70 | 69 | 68 | 67 | 66 | 65 | 66 | 67 | 68 | 68 | 68 | 67 | 68.5 | | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 88 | 92 | 93 | 91 | 91 | 90 | 82 | 83 | 88 | 92 | 92 | 94 | 92 | 86 | 73 | 75 | 76 | 77 | 67 | 70 | 70 | 80 | 84 | 82 | 80 | 80 | 76 | 77 | 74 | 75 | 82.3 | |
| | MIN | 69 | 73 | 71 | 72 | 72 | 73 | 73 | 69 | 70 | 69 | 70 | 72 | 73 | 72 | 57 | 53 | 54 | 52 | 61 | 64 | 64 | 62 | 64 | 65 | 68 | 64 | 57 | 59 | 54 | 52 | 65.0 | |
| 2 INCHES | MAX | 87 | 92 | 92 | 90 | 90 | 89 | 81 | 82 | 88 | 91 | 91 | 93 | 91 | 85 | 73 | 74 | 75 | 76 | 67 | 70 | 70 | 79 | 83 | 81 | 80 | 79 | 75 | 76 | 73 | 74 | 81.6 | |
| | MIN | 69 | 73 | 71 | 72 | 72 | 73 | 73 | 69 | 70 | 69 | 71 | 72 | 73 | 72 | 58 | 54 | 55 | 53 | 61 | 64 | 64 | 62 | 64 | 65 | 68 | 64 | 57 | 59 | 54 | 52 | 65.1 | |
| 4 INCHES | MAX | 84 | 88 | 88 | 87 | 87 | 87 | 80 | 80 | 84 | 88 | 88 | 89 | 88 | 82 | 74 | 72 | 74 | 73 | 67 | 69 | 69 | 77 | 80 | 79 | 78 | 77 | 74 | 74 | 71 | 71 | 79.2 | |
| | MIN | 70 | 73 | 72 | 73 | 73 | 74 | 74 | 70 | 71 | 71 | 72 | 73 | 74 | 74 | 61 | 57 | 57 | 55 | 62 | 64 | 65 | 63 | 64 | 66 | 69 | 67 | 60 | 61 | 57 | 55 | 66.6 | |
| 8 INCHES | MAX | 78 | 81 | 80 | 80 | 80 | 81 | 77 | 76 | 78 | 80 | 81 | 81 | 81 | 78 | 75 | 69 | 74 | 66 | 66 | 67 | 67 | 71 | 73 | 73 | 74 | 74 | 70 | 70 | 67 | 67 | 74.4 | |
| | MIN | 72 | 74 | 74 | 74 | 75 | 76 | 75 | 72 | 72 | 72 | 74 | 74 | 75 | 75 | 68 | 64 | 58 | 61 | 65 | 65 | 66 | 65 | 66 | 69 | 69 | 70 | 66 | 65 | 62 | 60 | 69.1 | |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Elektronik Potentiometer.

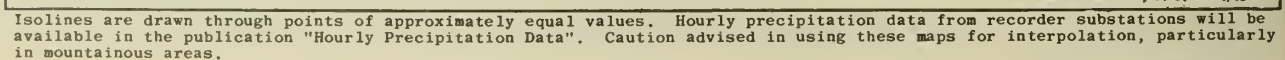
Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

TOTAL PRECIPITATION

NEW JERSEY
SEPTEMBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.



STATION INDEX

M W JERSEY
SEPTEMBER 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------------------|----------|-------------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | | |
| ALLANDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 56 | MID | MID | | | C | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 24 | 10 | MID | MID | | | C | STATE MARINA |
| AUDUBON | 0346 | CAMDEN | 1 | 39 54 | 75 04 | 50 | 11P | 11P | | | N | IRVIN J. NYGREN |
| BASS RIVER ST FOMEST | 0528 | BURLINGTON | 2 | 39 37 | 74 24 | 20 | | | | | | N.J. FORESTRY SERVICE |
| BELLEPLAIN STA FOMEST | 0690 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | SP | SP | | | | BELLEPLAIN STATE FOREST |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | | | | | | BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 4 | 40 50 | 75 05 | 275 | SP | SP | | | N | CLENEAT HAUPT |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | | | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | | | | | | HENRY M. MILLER |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | | | | | JERSEY CITY WATER WORKS |
| BOONTON BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 560 | 7A | | | | | ALBERT M. OVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | | PUBLIC SVC. E. & G. CO. |
| CAMISTLAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | | | | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | | | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | SP | SP | | | | C. WEST MAGNESITE CO. |
| CEGAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | | | | | | J. A. PLUMMETT |
| CENTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | | JOHN HOPKINS UN. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 740 | 7A | 7A | | | | NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | | EDWARD P. MOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | SP | SP | | | | EARL W. KERCHNER |
| CLAYTON | 1708 | GLoucester | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | | | | | | L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | SP | SP | | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | | | | | | C. SEWAGE TREATMENT PLANT |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | | C. BOROUGH ESSEX FELS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | SP | SP | | | | H. DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | | | | | | JOHN LOPER |
| FRIEHOLO | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | | C. FRANK J. MOREAU |
| GLASSBORO | 3291 | GLoucester | 2 | 39 42 | 75 07 | 135 | | | | | | C. GLASSBORO STATE COLLEGE |
| GLAT MEADOWS 4 M | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | | C. GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | | | | | | C. GEORGE T. WIGGINS |
| HICKENACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | | C. BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NHE | 3642 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | | R. J. DEPT-OF CONS. |
| HIGHTSTOWN 1 M | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | | C. JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | | C. EDWARD ENTHISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | | | | | | C. JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | | JERSEY CITY WATER DEPT. |
| LAURELTON 1 E | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | | E. E. CASE |
| LUMBERTVILLE | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | | C. H. GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | | N. A. W. DEPU |
| LITTLE FALLS | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | | | C. H. PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 74 00 | 20 | MID | MID | | | | C. H. WILLIAM O. MARTIN JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | | H. ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 50 | 74 48 | 25 | | | | | | JAMES LANTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | | | | | | NEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | 7A | | | | | ROBERT G. GLASGOW |
| MAYVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | | | | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | | C. GEROW BRILL |
| MAYS LAUNING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 10 | | | | | | N. COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | | | C. RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | | C. L. J. GALLANER |

| STATION | INDEX NO. | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|-----------------------|-----------|------------|------------|----------|-----------|-----------|-----------------------------------|---------|-------|------------------------|----------|---------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL (SEE NOTES) | | |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MID | MID | | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | | 7A | | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 50 | 74 58 | 55 | MID | 8A | | | | N. M. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | | 8A | | | | H. JAMES C. LONG |
| NEWARK WB AIRPORT | 6024 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | | C | U.S. WELCHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | SP | SP | | | GH | ARTHUR M. AHLQUIST |
| NEW MILFORD | 6344 | BERGEN | 4 | 40 57 | 74 02 | 12 | | | | | | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6354 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | | ST. MARY'S SCHOOL |
| NEWTON | 6377 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | C | NEWTON WTR. + SWR. COMM. |
| OAK RIDGE RESERVOIR | 6440 | PASSAIC | 8 | 41 02 | 74 30 | 870 | | 8A | | | | NEWARK WATER DEPT. |
| OLONICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 240 | | 8A | | | | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | | MID | | | | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 54 | 74 09 | 100 | | 8A | 8A | | C | P. J. DEL VECCHIO |
| PENBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | SP | SP | | | SP | N. PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | | H. SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | | 9A | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | | | MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 20 | 74 40 | 60 | | MID | | | | C. H. PRINCETON WATER CO. |
| RAHWAY | 7339 | UNION | 9 | 40 36 | 74 15 | 20 | | MID | | | C | RAHWAY VLY. SWG. AUTH. |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 14 | 305 | | | | | | N. J. DEPT-OF CONS. |
| SHILOH | 8051 | CUMBERLAND | 3 | 39 28 | 75 18 | 120 | 5P | 5P | | | | EVERETT OICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | | H. W. E. HAYER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | | | | | C | JERSEY CITY O. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | | C. N. J. DEPT-OF CONS. |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | | BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | | C. TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | | H. J. ERVEY |
| TRENTON WB CITY | 8853 | MERCER | 2 | 40 13 | 74 46 | 54 | MID | MID | | | C | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | | REV. WALTER T. GANDEK |
| WANAOUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 320 | | | | | C | H. WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | | C. BONNIE BURN SANITARIUM |
| WEHRSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | | | | | | ROBERT M. HANNERS |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | | N. J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEN | 2 | 39 39 | 75 19 | 50 | SP | SP | | | | CLARK VALLEY DAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MAPRICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

51.05
1 N N J

U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

OCTOBER 1961

Volume 66 No. 10



ASHEVILLE: 1961

10-1-61
JAN 2 1962

NEW JERSEY - OCTOBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 84° on the 10th at Elizabeth and on the 7th at Flemington 1 NE

Lowest Temperature: 18° on the 28th at Layton 3 NW

Greatest Total Precipitation: 6.74 inches at Millville FAA Airport

Least Total Precipitation: 1.14 inches at Layton 3 NW

Greatest One-Day Precipitation: 2.98 inches on the 3rd at Millville FAA Airport

SPECIAL WEATHER SUMMARY

After an unusually warm September, October was notable for continuing the autumn pattern of prevailing fair and mild weather. The Meteorologist in Charge of the Trenton Weather Bureau Office noted that "many beautiful fall days highlighted this month's weather" and that "October 1961 must be rated as one of the finest of record for the Trenton area." For the State as a whole, these remarks also hold true, and as a result outdoor activities - agricultural, recreational and industrial - benefited accordingly.

There was one damaging storm, which principally affected the South Jersey coast, although northern shore points and inland tidal locations were also damaged. During the 20-25, Hurricane GERTA was moving slowly northward far

out in the Atlantic, but the wind circulation resulting from it and from other weather factors set up persistent strong easterly winds. These produced high seas which, striking the coast at the time of high tide, resulted in huge waves and extensive flooding, rated by unofficial observers as the most severe in the South Jersey area since 1944, except for the major hurricanes. No fatalities or injuries occurred, but property losses must be rated in the hundreds of thousands of dollars.

James K. McGuire
Area Climatologist, Northeast
Weather Bureau Office
30 Rockefeller Plaza
New York 20, New York

CLIMATOLOGICAL DATA

NEW JERSEY
OCTOBER 1961

| Station | | Temperature | | | | | | | | | | Precipitation | | | | | | | | | | | | |
|-----------------------|---|--------------------|--------------------|---------|--------------------------------------|---------|------|--------|------|-------------|-----------------|-----------------|-----------------|----------------|-------|--------------------------------------|--------------|------|-------------|-------------------------|------|-------------|-------------|--------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | | | | | | | | | Total | Max. Depth on Ground | Date | 1.0 or More | 5.0 or More | 1.00 or More |
| | | | | | | | | | | | 90° or Above | 32° or Below | 31° or Below | 0° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 68.9 | 42.7 | 55.8 | .9 | 81 | 7 | 25 | 28 | 279 | 0 | 0 | 5 | 0 | 1.18 | - 2.23 | .32 | 3 | .0 | 0 | | 4 | 0 | 0 |
| BOONTON 2 SE | | 67.1 | 43.2 | 55.2 | 1.7 | 80 | 11+ | 26 | 28 | 300 | 0 | 0 | 3 | 0 | 2.21 | - 1.01 | .75 | 15 | .0 | 0 | | 5 | 2 | 0 |
| CANOE BROOK | | 67.7 | 42.2 | 55.0 | 1.1 | 80 | 14+ | 23 | 28 | 310 | 0 | 0 | 6 | 0 | 2.12 | - 1.12 | .70 | 3 | .0 | 0 | | 5 | 2 | 0 |
| CHARLOTTEBURG | | 66.4 | 41.9 | 54.2 | 1.5 | 79 | 10+ | 25 | 29+ | 331 | 0 | 0 | 4 | 0 | 2.02 | - 1.75 | .68 | 15 | .0 | 0 | | 5 | 2 | 0 |
| ELIZABETH | | 71.4 | 46.9 | 59.2 | 2.4 | 84 | 10 | 33 | 28 | 195 | 0 | 0 | 0 | 0 | 2.98 | - .33 | 1.48 | 3 | .0 | 0 | | 6 | 2 | 1 |
| ESSEX FELS SERV BLDG | | 66.9M | 43.3M | 55.1M | | 80 | 8 | 26 | 29+ | 301 | 0 | 0 | 4 | 0 | 2.00 | | .77 | 3 | .0 | 0 | | 4 | 2 | 0 |
| FLEMINGTON 1 NE | | 71.3 | 42.1 | 56.7 | .6 | 84 | 7 | 22 | 28 | 256 | 0 | 0 | 5 | 0 | 1.88 | - 1.30 | .50 | 3 | .0 | 0 | | 6 | 1 | 0 |
| HIGH POINT PARK | | 63.8 | 40.5 | 52.2 | | 77 | 11 | 27 | 28 | 393 | 0 | 0 | 7 | 0 | 2.05 | | .62 | 22 | .0 | 0 | | 4 | 3 | 0 |
| JERSEY CITY | | 65.4 | 49.4 | 57.4 | .4 | 77 | 10+ | 38 | 28 | 242 | 0 | 0 | 0 | 0 | 2.64 | - .34 | .99 | 3 | .0 | 0 | | 5 | 2 | 0 |
| LAMBERTVILLE | | 70.9 | 44.8 | 57.9 | 2.3 | 82 | 10+ | 29 | 28 | 222 | 0 | 0 | 2 | 0 | 1.70 | - 1.29 | .54 | 3 | .0 | 0 | | 5 | 1 | 0 |
| LAYTON 3 NW | | 68.7 | 40.0 | 54.4 | 2.7 | 81 | 7 | 18 | 28 | 324 | 0 | 0 | 8 | 0 | 1.14 | - 2.23 | .26 | 3 | .0 | 0 | | 4 | 0 | 0 |
| LITTLE FALLS | | 69.6 | 44.9 | 57.3 | 1.7 | 83 | 11+ | 27 | 28 | 247 | 0 | 0 | 2 | 0 | 2.06 | - 1.43 | .68 | 3 | .0 | 0 | | 4 | 2 | 0 |
| LONG VALLEY | | 69.1 | 40.0 | 54.6 | | 81 | 7 | 20 | 28 | 318 | 0 | 0 | 5 | 0 | 1.73 | - 1.71 | .88 | 14 | .0 | 0 | | 4 | 1 | 0 |
| MORRIS PLAINS | | 68.3 | 43.2 | 55.8 | | 81 | 11+ | 25 | 28 | 287 | 0 | 0 | 4 | 0 | 1.86 | | .67 | 15 | .0 | 0 | | 5 | 1 | 0 |
| NEWARK WB AIRPORT | R | 68.7 | 50.2 | 59.5 | 3.9 | 81 | 13+ | 36 | 28 | 200 | 0 | 0 | 0 | 0 | 2.06 | - 1.14 | .89 | 14 | .0 | 0 | | 4 | 2 | 0 |
| NEWTON | | 66.4 | 39.6 | 53.0 | .1 | 79 | 14+ | 21 | 28 | 366 | 0 | 0 | 7 | 0 | 1.67 | - 1.76 | .65 | 15 | .0 | 0 | | 4 | 1 | 0 |
| PATERSON | | 69.5 | 47.7 | 58.6 | 2.3 | 81 | 31 | 32 | 17 | 214 | 0 | 0 | 1 | 0 | 2.11 | - 1.15 | .69 | 3 | .0 | 0 | | 4 | 2 | 0 |
| PHILLIPSBURG | | 72.3 | 42.0 | 57.2 | 5.0 | 82 | 13+ | 27 | 28 | 241 | 0 | 0 | 5 | 0 | 1.35 | - 2.14 | .57 | 14 | .0 | 0 | | 3 | 2 | 0 |
| PLAINFIELD | | 69.6 | 46.5 | 58.1 | 2.2 | 82 | 10+ | 27 | 28 | 219 | 0 | 0 | 3 | 0 | 2.06 | - 1.26 | .75 | 3 | .0 | 0 | | 4 | 2 | 0 |
| SOMERVILLE | | 68.8 | 43.9 | 56.4 | .9 | 82 | 7 | 25 | 28 | 263 | 0 | 0 | 4 | 0 | 1.94 | - 1.34 | .73 | 3 | .0 | 0 | | 6 | 1 | 0 |
| SUSSEX | | 66.7 | 39.8 | 53.3 | - .3 | 79 | 11 | 25 | 29+ | 357 | 0 | 0 | 5 | 0 | 1.55 | - 1.65 | .70 | 15 | .0 | 0 | | 5 | 1 | 0 |
| DIVISION | | | | 56.0 | 1.3 | | | | | | | | | | 1.92 | - 1.39 | | | .0 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 68.4 | 47.7 | 58.1 | 1.5 | 81 | 7 | 31 | 28 | 226 | 0 | 0 | 1 | 0 | 4.73 | 1.68 | 1.36 | 2 | .0 | 0 | | 5 | 3 | 3 |
| AUDUBON | | 70.0 | 46.5 | 58.3 | | 82 | 9 | 33 | 28 | 211 | 0 | 0 | 0 | 0 | 2.32 | | .65 | 14 | .0 | 0 | | 5 | 3 | 0 |
| BELLEPLAIN STA FOREST | | 70.4 | 45.1 | 57.8 | | 82 | 10 | 25 | 28 | 223 | 0 | 0 | 3 | 0 | 5.06 | - 1.42 | 2.63 | 3 | .0 | 0 | | 5 | 2 | 0 |
| BURLINGTON | | 71.7 | 46.5 | 59.1 | 1.1 | 82 | 11+ | 33 | 29+ | 192 | 0 | 0 | 0 | 0 | 2.29 | - 1.03 | .80 | 2 | .0 | 0 | | 5 | 3 | 0 |
| CHATSWORTH | | 69.9 | 45.3 | 57.6 | | 80 | 13+ | 26 | 28 | 232 | 0 | 0 | 3 | 0 | 3.26 | | 2.49 | 3 | .0 | 0 | | 3 | 2 | 1 |
| CLAYTON | | 66.6 | 44.9M | 55.8M | | 81 | 30 | 29 | 28 | 287 | 0 | 0 | 3 | 0 | 1.85 | | .47 | 2 | .0 | 0 | | 6 | 0 | 0 |
| FREEHOLD | | 68.5 | 47.1 | 57.8 | 1.7 | 79 | 13+ | 32 | 28 | 223 | 0 | 0 | 1 | 0 | 2.82 | - .70 | 1.37 | 3 | .0 | 0 | | 6 | 1 | 1 |
| HAMMONTON 2 NNE | | 69.1 | 45.9 | 57.5 | 2.2 | 81 | 12 | 31 | 28 | 234 | 0 | 0 | 1 | 0 | 2.67 | - 1.00 | 1.71 | 3 | .0 | 0 | | 4 | 1 | 1 |
| HIGHTSTOWN 1 N | | 68.5 | 46.3 | 57.4 | 1.4 | 80 | 7 | 28 | 28 | 237 | 0 | 0 | 1 | 0 | 2.36 | - .91 | .80 | 3 | .0 | 0 | | 6 | 1 | 0 |
| INDIAN HILLS 2 W | | 68.9 | 43.1 | 56.0 | - .1 | 81 | 11+ | 25 | 28 | 272 | 0 | 0 | 4 | 0 | 3.48 | .13 | 1.94 | 3 | .0 | 0 | | 6 | 1 | 1 |
| MILLVILLE | | 68.7 | 46.0 | 57.4 | | 80 | 11+ | 32 | 28 | 238 | 0 | 0 | 1 | 0 | 3.97 | | 1.60 | 3 | .0 | 0 | | 5 | 3 | 2 |
| MILLVILLE FAA AIRPORT | | 68.1 | 45.8 | 57.0 | | 80 | 11 | 30 | 28 | 245 | 0 | 0 | 1 | 0 | 6.74 | | 2.98 | 3 | .0 | 0 | | 6 | 4 | 3 |
| MOORESTOWN | | 68.1 | 44.8 | 56.5 | .6 | 80 | 11+ | 30 | 28 | 263 | 0 | 0 | 1 | 0 | 2.29 | - .71 | .79 | 3 | .0 | 0 | | 5 | 2 | 0 |
| NEW BRUNSWICK EXP STA | | 69.2 | 46.2 | 57.7 | 1.5 | 79 | 10 | 28 | 28 | 228 | 0 | 0 | 1 | 0 | 2.81 | - .31 | .82 | 3 | .0 | 0 | | 6 | 2 | 0 |
| NEW MONMOUTH | | 69.8 | 48.2 | 59.0 | | 79 | 25+ | 29 | 28 | 188 | 0 | 0 | 1 | 0 | 2.98 | | 1.16 | 3 | .0 | 0 | | 6 | 2 | 1 |
| PEMBERTON 3 E | | 70.0 | 44.1 | 57.1 | .1 | 80 | 13+ | 25 | 28 | 242 | 0 | 0 | 3 | 0 | 2.78 | - .44 | 1.72 | 3 | .0 | 0 | | 6 | 1 | 1 |
| SHILOH | | 68.9 | 47.4 | 58.2 | .9 | 79 | 10+ | 33 | 28 | 210 | 0 | 0 | 0 | 0 | 2.80 | - .32 | 1.38 | 3 | .0 | 0 | | 5 | 2 | 1 |
| TOMS RIVER | | 71.0 | 45.5 | 58.3 | | 82 | 14+ | 27 | 28 | 221 | 0 | 0 | 4 | 0 | 4.77 | | 2.31 | 3 | .0 | 0 | | 4 | 4 | 2 |
| TRENTON WB CITY | R | 67.4 | 48.5 | 58.0 | 1.9 | 79 | 10+ | 36 | 28 | 226 | 0 | 0 | 0 | 0 | 1.82 | - .83 | .62 | 14 | .0 | 0 | | 4 | 1 | 0 |
| TUCKERTON | | 68.7 | 47.2 | 58.0 | | 81 | 6 | 28 | 28 | 221 | 0 | 0 | 1 | 0 | 4.02 | | 1.90 | 3 | .0 | 0 | | 6 | 2 | 1 |
| WOODSTOWN | | 70.1 | 45.5 | 57.8 | | 80 | 11+ | 29 | 28 | 218 | 0 | 0 | 1 | 0 | 1.97 | | .65 | 3 | .0 | 0 | | 7 | 1 | 0 |
| DIVISION | | | | 57.6 | 1.0 | | | | | | | | | | 3.23 | - .04 | | | .0 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | R | 66.6 | 54.1 | 60.4 | 2.4 | 78 | 9 | 43 | 28 | 155 | 0 | 0 | 0 | 0 | 3.49 | .28 | 1.10 | 22 | | | | 5 | 3 | 1 |
| CAPE MAY 3 W | | 68.9 | 54.0 | 61.5 | | 76 | 11+ | 43 | 5 | 132 | 0 | 0 | 0 | 0 | 4.01 | | 1.70 | 3 | .0 | 0 | | 5 | 2 | 2 |
| LONG BRANCH | R | 67.1 | 48.4 | 57.8 | 1.6 | 79 | 10 | 32 | 28 | 225 | 0 | 0 | 1 | 0 | 3.63 | .13 | 1.29 | 3 | .0 | 0 | | 6 | 2 | 2 |
| DIVISION | | | | 59.9 | 1.9 | | | | | | | | | | 3.71 | .61 | | | .0 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | |
| ATLANTIC CITY WB AIRPORT | W | 13 | 10.3 | 33++ | NNE | 22 | 88 | 88 | 54 | 76 | 2 | 3 | 2 | 0 | 3 | 0 | 10 | 62 | 4.8 |
| ATLANTIC CITY | - | - | 12.0 | 33++ | NNE | 21 | - | - | - | - | - | 3 | 2 | 2 | 1 | 0 | - | - | - |
| LONG BRANCH | W | 12 | 12.4 | 40 | NE | 21 | - | 82 | 58 | 69 | 2 | 2 | 4 | 0 | 2 | 0 | 10 | 64 | 4.6 |
| NEWARK WB AIRPORT | SW | 11 | 8.0 | 29++ | ENE | 22 | 78 | 80 | 54 | 64 | 2 | 4 | 2 | 2 | 0 | 0 | 10 | - | 4.5 |
| TRENTON WB CITY | N | - | 8.3 | 27 | W | 15 | - | - | - | - | 1 | 4 | 3 | 1 | 0 | 0 | 9 | 70 | 4.4 |
| & 12:00 Noon | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

NEW JERSEY
OCTOBER 1961

See reference notes following Station Index

DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX | 75 | 73 | 65 | 59 | 65 | 77 | 81 | 76 | 79 | 80 | 76 | 71 | 79 | 70 | 53 | 56 | 68 | 78 | 73 | 73 | 62 | 51 | 50 | 62 | 68 | 61 | 57 | 59 | 72 | 75 | 76 | 68.4 |
| | MIN | 49 | 59 | 53 | 41 | 37 | 49 | 53 | 56 | 56 | 51 | 52 | 58 | 57 | 43 | 42 | 40 | 36 | 47 | 48 | 53 | 50 | 47 | 43 | 43 | 38 | 46 | 37 | 31 | 46 | 56 | 59 | 47.7 |
| ATLANTIC CITY | MAX | 73 | 72 | 67 | 61 | 64 | 76 | 72 | 73 | 78 | 75 | 72 | 69 | 71 | 68 | 56 | 59 | 66 | 69 | 68 | 68 | 64 | 56 | 54 | 61 | 65 | 65 | 59 | 57 | 65 | 70 | 71 | 66.6 |
| | MIN | 63 | 65 | 56 | 48 | 45 | 54 | 58 | 59 | 61 | 58 | 59 | 63 | 60 | 48 | 48 | 49 | 46 | 58 | 59 | 57 | 55 | 52 | 50 | 51 | 50 | 49 | 45 | 43 | 55 | 56 | 58 | 54.1 |
| AUGUBON | MAX | 79 | 68 | 64 | 60 | 67 | 78 | 81 | 75 | 82 | 81 | 81 | 75 | 80 | 66 | 55 | 57 | 69 | 79 | 77 | 75 | 63 | 59 | 56 | 63 | 73 | 62 | 60 | 62 | 72 | 76 | 76 | 70.0 |
| | MIN | 45 | 55 | 52 | 48 | 36 | 46 | 48 | 56 | 57 | 51 | 53 | 56 | 54 | 45 | 38 | 42 | 36 | 45 | 47 | 48 | 52 | 48 | 41 | 36 | 40 | 49 | 39 | 33 | 42 | 49 | 55 | 46.5 |
| BELLEPLAIN STA FOREST | MAX | 77 | 76 | 66 | 60 | 64 | 77 | 61 | 78 | 78 | 82 | 79 | 73 | 75 | 70 | 66 | 58 | 67 | 74 | 76 | 76 | 70 | 60 | 52 | 61 | 72 | 66 | 61 | 62 | 72 | 75 | 77 | 70.4 |
| | MIN | 38 | 52 | 58 | 48 | 28 | 43 | 42 | 48 | 52 | 44 | 46 | 49 | 62 | 59 | 40 | 44 | 38 | 45 | 42 | 49 | 55 | 45 | 39 | 38 | 32 | 53 | 35 | 25 | 47 | 47 | 54 | 45.1 |
| BELVIOERE | MAX | 73 | 71 | 68 | 55 | 65 | 76 | 81 | 71 | 80 | 78 | 77 | 74 | 78 | 74 | 52 | 57 | 67 | 77 | 75 | 73 | 68 | 61 | 59 | 61 | 69 | 65 | 55 | 57 | 69 | 78 | 73 | 68.9 |
| | MIN | 45 | 50 | 53 | 45 | 31 | 40 | 44 | 50 | 51 | 45 | 51 | 52 | 50 | 48 | 39 | 59 | 30 | 38 | 40 | 45 | 50 | 49 | 30 | 29 | 34 | 47 | 37 | 25 | 42 | 45 | 51 | 42.7 |
| BOOMTOWN 2 SE | MAX | 70 | 73 | 70 | 61 | 55 | 64 | 77 | 80 | 69 | 79 | 80 | 74 | 75 | 79 | 65 | 50 | 53 | 66 | 75 | 75 | 72 | 58 | 56 | 58 | 63 | 68 | 58 | 55 | 57 | 69 | 76 | 67.1 |
| | MIN | 37 | 51 | 59 | 48 | 36 | 39 | 43 | 46 | 54 | 42 | 53 | 54 | 53 | 53 | 40 | 39 | 31 | 41 | 42 | 40 | 50 | 47 | 39 | 35 | 34 | 34 | 42 | 26 | 27 | 49 | 55 | 43.2 |
| BURLINGTON | MAX | 80 | 74 | 68 | 59 | 67 | 78 | 76 | 82 | 81 | 82 | 82 | 76 | 81 | 75 | 65 | 66 | 69 | 80 | 78 | 71 | 70 | 57 | 57 | 63 | 73 | 68 | 60 | 62 | 72 | 77 | 75 | 71.7 |
| | MIN | 42 | 56 | 55 | 49 | 36 | 46 | 48 | 49 | 59 | 53 | 56 | 58 | 55 | 52 | 40 | 45 | 34 | 37 | 50 | 51 | 46 | 48 | 42 | 41 | 42 | 53 | 44 | 33 | 33 | 41 | 46 | 46.5 |
| CANOE BROOK | MAX | 72 | 73 | 70 | 62 | 55 | 65 | 76 | 60 | 68 | 77 | 79 | 75 | 76 | 80 | 66 | 51 | 53 | 67 | 77 | 75 | 73 | 57 | 56 | 55 | 63 | 69 | 60 | 56 | 60 | 71 | 79 | 67.7 |
| | MIN | 42 | 49 | 60 | 48 | 31 | 36 | 43 | 50 | 54 | 44 | 48 | 54 | 54 | 56 | 39 | 41 | 30 | 36 | 41 | 43 | 43 | 48 | 35 | 29 | 32 | 35 | 36 | 23 | 27 | 46 | 54 | 42.2 |
| CAPE MAY 3 W | MAX | 75 | 75 | 71 | 65 | 64 | 75 | 76 | 75 | 76 | 76 | 74 | 74 | 72 | 67 | 56 | 68 | 73 | 75 | 71 | 70 | 57 | 53 | 57 | 67 | 67 | 64 | 60 | 60 | 71 | 71 | 71 | 68.9 |
| | MIN | 54 | 61 | 64 | 52 | 43 | 58 | 59 | 60 | 63 | 64 | 51 | 58 | 55 | 46 | 45 | 49 | 53 | 58 | 59 | 57 | 55 | 47 | 46 | 45 | 45 | 57 | 49 | 45 | 49 | 55 | 55 | 54.0 |
| CHARLOTTEBURG | MAX | 69 | 70 | 68 | 60 | 54 | 63 | 76 | 79 | 74 | 79 | 78 | 74 | 74 | 78 | 61 | 47 | 52 | 66 | 76 | 74 | 72 | 57 | 56 | 57 | 61 | 69 | 58 | 52 | 59 | 70 | 75 | 66.4 |
| | MIN | 37 | 52 | 57 | 46 | 31 | 35 | 44 | 47 | 56 | 47 | 48 | 52 | 49 | 53 | 38 | 36 | 29 | 37 | 42 | 42 | 49 | 40 | 56 | 34 | 53 | 33 | 40 | 25 | 25 | 52 | 55 | 41.9 |
| CHATSWORTH | MAX | 77 | 73 | 68 | 58 | 67 | 79 | 60 | 80 | 77 | 80 | 72 | 73 | 80 | 76 | 57 | 52 | 69 | 79 | 77 | 73 | 70 | 55 | 51 | 62 | 71 | 63 | 59 | 62 | 73 | 76 | 77 | 69.9 |
| | MIN | 40 | 55 | 59 | 45 | 31 | 41 | 47 | 54 | 52 | 48 | 57 | 60 | 52 | 57 | 39 | 41 | 31 | 40 | 43 | 49 | 52 | 47 | 37 | 37 | 59 | 47 | 37 | 26 | 40 | 46 | 55 | 45.3 |
| CLAYTON | MAX | 75 | 67 | 68 | 59 | 61 | 74 | 77 | 74 | 79 | 78 | 74 | 71 | 76 | 70 | 55 | 54 | 65 | 73 | 67 | 70 | 65 | 61 | 52 | 57 | 67 | 60 | 56 | 57 | 66 | 71 | 74 | 66.6 |
| | MIN | 41 | 61 | | 48 | 50 | 41 | 44 | 52 | 54 | 50 | 49 | 50 | 51 | 41 | 40 | 33 | 41 | 54 | 58 | 51 | 45 | 40 | 41 | 41 | 49 | 51 | 29 | 33 | 48 | 61 | | 44.9 |
| ELIZABETH | MAX | 75 | 77 | 69 | 59 | 66 | 80 | 83 | 76 | 82 | 84 | 78 | 77 | 81 | 73 | 54 | 58 | 70 | 79 | 79 | 76 | 65 | 55 | 59 | 67 | 70 | 65 | 65 | 62 | 73 | 82 | 75 | 71.4 |
| | MIN | 47 | 59 | 55 | 47 | 34 | 45 | 49 | 55 | 56 | 49 | 55 | 58 | 56 | 50 | 37 | 40 | 43 | 48 | 49 | 49 | 52 | 46 | 40 | 35 | 36 | 46 | 55 | 33 | 45 | 49 | 55 | 46.9 |
| ESSEX FELLS SERV BLDG | MAX | 70 | 72 | 70 | 61 | 55 | 65 | 78 | 80 | 68 | 78 | 74 | 75 | 75 | 79 | 65 | 49 | 54 | 68 | 77 | 73 | 72 | 58 | 55 | 55 | 64 | 69 | 59 | 55 | 59 | 71 | 78 | 66.9 |
| | MIN | 45 | 53 | 60 | 47 | 33 | 42 | 47 | 46 | 55 | 48 | 54 | 55 | 55 | 55 | 40 | 38 | 31 | 39 | 46 | 43 | 50 | 47 | 54 | 32 | 33 | 37 | 34 | 26 | 26 | 51 | 51 | 45.3 |
| FLEMINGTON 1 NE | MAX | 79 | 73 | 69 | 56 | 69 | 60 | 84 | 60 | 80 | 81 | 79 | 80 | 82 | 74 | 55 | 56 | 70 | 80 | 78 | 76 | 69 | 59 | 60 | 63 | 70 | 63 | 56 | 60 | 73 | 79 | 75 | 71.3 |
| | MIN | 39 | 51 | 55 | 46 | 29 | 36 | 41 | 51 | 53 | 43 | 48 | 50 | 49 | 51 | 40 | 41 | 26 | 35 | 40 | 34 | 48 | 47 | 40 | 31 | 32 | 46 | 41 | 22 | 36 | 46 | 58 | 42.1 |
| FREEHOLD | MAX | 74 | 67 | 65 | 58 | 65 | 76 | 79 | 72 | 78 | 79 | 74 | 72 | 79 | 71 | 52 | 54 | 66 | 78 | 75 | 71 | 64 | 55 | 52 | 62 | 72 | 67 | 58 | 61 | 72 | 77 | 75 | 68.5 |
| | MIN | 44 | 58 | 57 | 48 | 36 | 48 | 50 | 54 | 58 | 53 | 53 | 59 | 55 | 50 | 36 | 36 | 35 | 45 | 47 | 46 | 52 | 45 | 41 | 37 | 40 | 52 | 39 | 32 | 44 | 53 | 54 | 47.1 |
| HAMMONTON 2 NNE | MAX | 75 | 80 | 68 | 64 | 59 | 68 | 78 | 80 | 75 | 78 | 78 | 81 | 73 | 80 | 68 | 54 | 56 | 70 | 78 | 77 | 74 | 55 | 55 | 63 | 61 | 72 | 62 | 58 | 66 | 72 | 75 | 69.1 |
| | MIN | 43 | 55 | 60 | 48 | 36 | 39 | 49 | 48 | 58 | 53 | 52 | 54 | 54 | 55 | 42 | 44 | 37 | 40 | 46 | 48 | 51 | 45 | 40 | 39 | 40 | 40 | 39 | 31 | 33 | 51 | 54 | 45.9 |
| HIGH POINT PARK | MAX | 65 | 71 | 65 | 52 | 48 | 61 | 74 | 75 | 65 | 75 | 77 | 70 | 71 | 76 | 58 | 43 | 46 | 65 | 76 | 71 | 71 | 65 | 59 | 52 | 59 | 65 | 54 | 49 | 55 | 68 | 74 | 63.6 |
| | MIN | 46 | 48 | 47 | 38 | 28 | 34 | 48 | 49 | 51 | 46 | 49 | 48 | 49 | 49 | 31 | 32 | 31 | 32 | 48 | 47 | 45 | 41 | 33 | 33 | 33 | 34 | 35 | 27 | 51 | 44 | 46 | 40.5 |
| HIGHTSTOWN 1 N | MAX | 76 | 68 | 65 | 56 | 64 | 77 | 80 | 71 | 78 | 78 | 76 | 75 | 78 | 72 | 52 | 55 | 67 | 76 | 76 | 72 | 66 | 55 | 54 | 61 | 70 | 65 | 58 | 60 | 69 | 77 | 75 | 68.5 |
| | MIN | 43 | 57 | 55 | 48 | 34 | 45 | 46 | 52 | 56 | 49 | 51 | 57 | 57 | 52 | 39 | 41 | 33 | 45 | 48 | 46 | 51 | 46 | 39 | 38 | 57 | 52 | 38 | 28 | 43 | 51 | 57 | 46.3 |
| INDIAN MILLS 2 W | MAX | 78 | 68 | 63 | 58 | 66 | 77 | 81 | 75 | 79 | 80 | 81 | 75 | 79 | 67 | 52 | 55 | 67 | 80 | 76 | 75 | 63 | 55 | 53 | 60 | 72 | 60 | 58 | 61 | 71 | 76 | 76 | 68.9 |
| | MIN | 37 | 52 | 54 | 44 | 30 | 41 | 43 | 51 | 54 | 47 | 47 | 54 | 49 | 48 | 41 | 41 | 30 | 39 | 41 | 46 | 50 | 44 | 58 | 32 | 34 | 49 | 37 | 25 | 35 | 50 | 51 | 45.1 |
| JERSEY CITY | MAX | 69 | 70 | 60 | 55 | 63 | 75 | 77 | 67 | 77 | 77 | 72 | 70 | 75 | 64 | 49 | 53 | 66 | 75 | 68 | 70 | 56 | 55 | 54 | 59 | 61 | 60 | 58 | 56 | 69 | 76 | 71 | 65.4 |
| | MIN | 51 | 60 | 52 | 44 | 41 | 50 | 55 | 59 | 61 | 59 | 60 | 60 | 59 | 42 | 41 | 42 | 40 | 47 | 56 | 50 | 49 | 47 | 40 | 40 | 42 | 47 | 41 | 38 | 48 | 54 | 57 | 49.4 |
| LAMBERTVILLE | MAX | 78 | 74 | 68 | 58 | 67 | 79 | 82 | 80 | 80 | 82 | 80 | 77 | 81 | 72 | | | | | | | | | | | | | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 74 | 69 | 73 | 60 | 65 | 76 | 79 | 76 | 79 | 79 | 78 | 73 | 77 | 73 | 55 | 57 | 67 | 75 | 73 | 73 | 70 | 56 | 57 | 59 | 68 | 62 | 58 | 58 | 70 | 73 | 75 | 68.9 |
| | MIN | 46 | 55 | 55 | 47 | 37 | 48 | 50 | 54 | 57 | 53 | 53 | 55 | 51 | 54 | 40 | 44 | 39 | 48 | 48 | 50 | 52 | 45 | 40 | 36 | 40 | 51 | 40 | 33 | 44 | 49 | 56 | 47.4 |
| SOMERVILLE | MAX | 77 | 70 | 66 | 55 | 66 | 77 | 82 | 73 | 80 | 80 | 76 | 76 | 79 | 69 | 51 | 55 | 67 | 77 | 75 | 74 | 62 | 58 | 59 | 62 | 69 | 60 | 58 | 60 | 70 | 78 | 73 | 68.8 |
| | MIN | 41 | 56 | 55 | 48 | 31 | 40 | 44 | 54 | 54 | 47 | 52 | 54 | 53 | 49 | 40 | 40 | 29 | 37 | 42 | 44 | 53 | 48 | 40 | 33 | 33 | 51 | 30 | 25 | 42 | 46 | 50 | 43.9 |
| SUSSEX | MAX | 71 | 74 | 68 | 59 | 54 | 58 | 77 | 77 | 73 | 75 | 79 | 69 | 73 | 75 | 58 | 48 | 60 | 67 | 72 | 78 | 71 | 69 | 58 | 56 | 62 | 68 | 58 | 53 | 65 | 70 | 74 | 66.7 |
| | MIN | 35 | 40 | 49 | 47 | 32 | 30 | 33 | 44 | 53 | 45 | 45 | 50 | 50 | 50 | 39 | 37 | 31 | 35 | 40 | 40 | 49 | 48 | 37 | 35 | 34 | 34 | 37 | 25 | 25 | 40 | 46 | 39.8 |
| TOMS RIVER | MAX | 76 | 75 | 68 | 56 | 67 | 76 | 78 | 76 | 79 | 79 | 78 | 78 | 82 | 82 | 66 | 56 | 67 | 80 | 80 | 74 | 68 | 55 | 54 | 61 | 71 | 68 | 60 | 62 | 73 | 77 | 78 | 71.0 |
| | MIN | 48 | 53 | 58 | 50 | 30 | 42 | 44 | 51 | 57 | 46 | 47 | 62 | 53 | 60 | 41 | 41 | 30 | 41 | 42 | 48 | 50 | 48 | 43 | 43 | 35 | 52 | 37 | 27 | 30 | 46 | 55 | 45.5 |
| TRENTON WB CITY | MAX | 75 | 68 | 63 | 55 | 64 | 76 | 79 | 71 | 78 | 79 | 78 | 74 | 78 | 64 | 51 | 54 | 67 | 76 | 76 | 72 | 58 | 56 | 55 | 61 | 70 | 58 | 56 | 59 | 69 | 77 | 73 | 67.4 |
| | MIN | 48 | 57 | 51 | 43 | 39 | 49 | 53 | 59 | 59 | 56 | 57 | 58 | 56 | 42 | 40 | 43 | 39 | 48 | 52 | 50 | 48 | 46 | 41 | 44 | 45 | 46 | 41 | 36 | 46 | 52 | 60 | 48.5 |
| TUCKERTON | MAX | 73 | 73 | 68 | 62 | 65 | 81 | 75 | 78 | 80 | 80 | 75 | 70 | 75 | 71 | 59 | 57 | 70 | 73 | 70 | 70 | 68 | 55 | 53 | 60 | 65 | 62 | 60 | 60 | 70 | 76 | 77 | 68.7 |
| | MIN | 41 | 53 | 61 | 49 | 33 | 47 | 48 | 54 | 53 | 50 | 47 | 66 | 56 | 57 | 41 | 41 | 34 | 45 | 45 | 47 | 53 | 47 | 42 | 42 | 34 | 54 | 40 | 28 | 46 | 54 | 56 | 47.2 |
| WOODSTOWN | MAX | 77 | 68 | 68 | 61 | 66 | 78 | 80 | 75 | 79 | 80 | 80 | 76 | 79 | 70 | 56 | 59 | 68 | 77 | 76 | 73 | 68 | 59 | 56 | 61 | 71 | 68 | 60 | 61 | 71 | 75 | 77 | 70.1 |
| | MIN | 42 | 53 | 55 | 48 | 34 | 43 | 45 | 51 | 55 | 48 | 50 | 55 | 51 | 55 | 41 | 45 | 35 | 42 | 42 | 48 | 52 | 47 | 41 | 36 | 37 | 54 | 35 | 29 | 40 | 48 | 55 | 45.5 |

EVAPORATION AND WIND

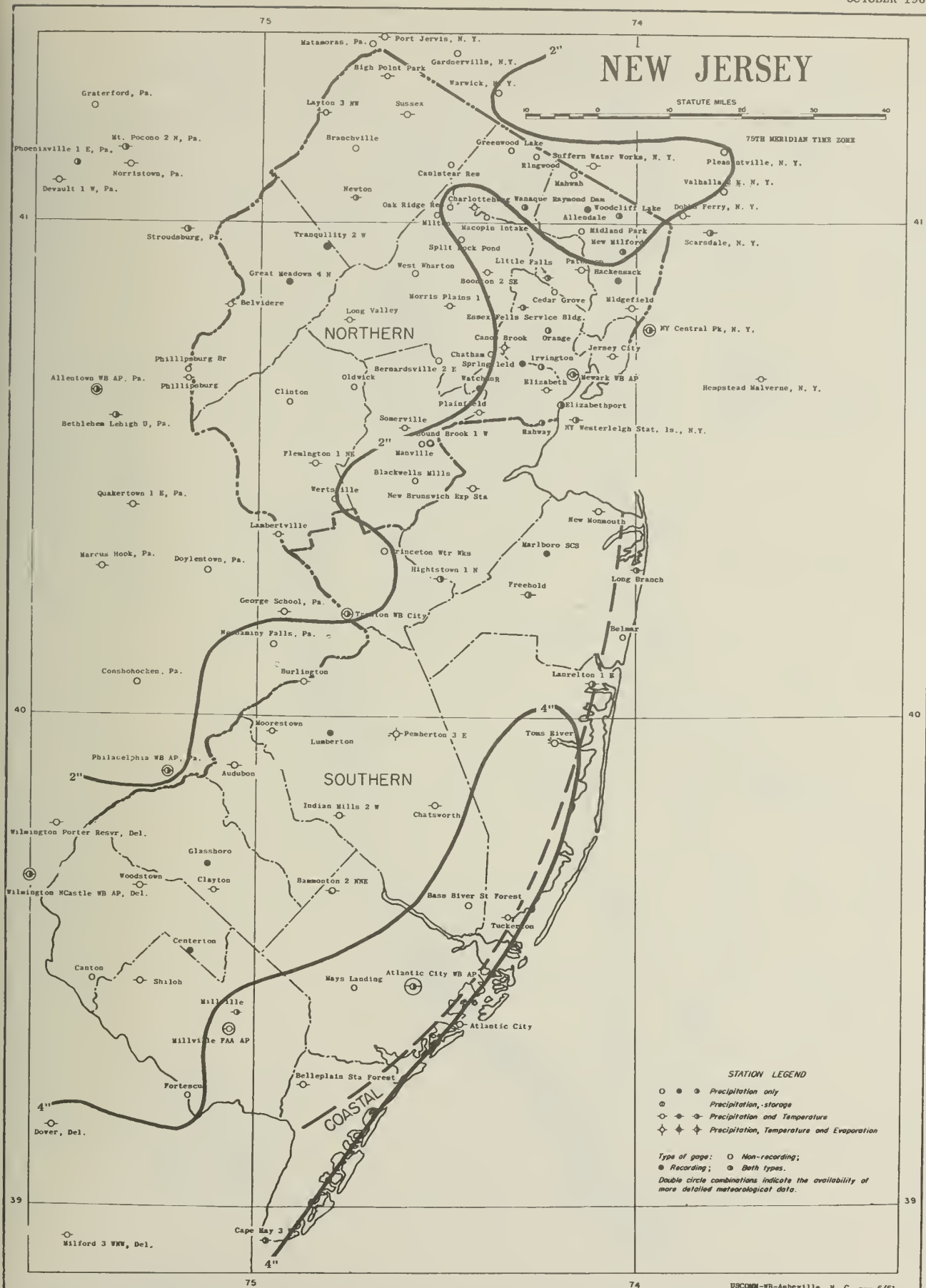
| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------|--------------|--------------|----------|----------|-----------|-----------|----------|----------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|---------------------|----------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Total or Avg. | |
| CANOE BROOK | EVAP WIND | .02 18 | * 16 | * 9 | .18 61 | .11 58 | .03 4 | .06 8 | .09 5 | .05 2 | .08 16 | .06 5 | .06 12 | .06 16 | .09 64 | .05 64 | .09 72 | .11 49 | .04 12 | .05 15 | .07 13 | * 33 | * 70 | .19 40 | .08 24 | .02 9 | .03 14 | .08 31 | .07 44 | .04 17 | .08 22 | .13 21 | 2.02 796 | |
| PEMBERTON 3 E | EVAP | .12 | - | - | - | .05 | .09 | .09 | .09 | .09 | .06 | .11 | .04 | * | * | * | .17 | .08 | .04 | .12 | .10 | .04 | .06 | .04 | .07 | .04 | .13 | .11 | .08 | .09 | .10 | .08 | B2.31 | |
| | WIND | 19 | 13 | 23 | 46 | 23 | 19 | 11 | 5 | 20 | 7 | 13 | 17 | 16 | 26 | 96 | 68 | 28 | 16 | 18 | 16 | 38 | 60 | 21 | 15 | 14 | 62 | 52 | 18 | 31 | 48 | 73 | 932 | |
| | MAX MIN | 80 52 | 78 63 | 68 65 | 65 53 | 67 40 | 75 49 | 85 40 | 78 55 | 82 59 | 79 62 | 79 54 | 77 58 | 77 62 | 79 60 | 79 62 | 62 45 | 62 45 | 66 38 | 66 50 | 75 53 | 74 55 | 74 55 | 70 55 | 55 49 | 65 41 | 64 45 | 68 43 | 68 54 | 60 41 | 60 35 | 69 45 | 72 52 | 74 58 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 71 | 67 | 66 | 62 | 63 | 67 | 70 | 68 | 69 | 70 | 70 | 70 | 71 | 65 | 58 | 57 | 59 | 63 | 65 | 64 | 58 | 57 | 58 | 58 | 58 | 57 | 54 | 54 | 56 | 59 | 60 | 62.9 |
| | MIN | 58 | 65 | 62 | 57 | 54 | 57 | 59 | 62 | 62 | 61 | 61 | 63 | 64 | 58 | 55 | 52 | 50 | 53 | 56 | 56 | 57 | 53 | 51 | 50 | 50 | 49 | 49 | 47 | 51 | 52 | 56 | 56.0 |
| 2 INCHES | MAX | 70 | 67 | 66 | 63 | 63 | 66 | 69 | 67 | 69 | 69 | 69 | 69 | 70 | 65 | 58 | 57 | 59 | 62 | 64 | 64 | 59 | 57 | 57 | 57 | 58 | 57 | 54 | 53 | 56 | 58 | 60 | 62.4 |
| | MIN | 60 | 64 | 63 | 57 | 55 | 57 | 59 | 62 | 62 | 61 | 62 | 63 | 64 | 58 | 55 | 52 | 50 | 54 | 56 | 56 | 57 | 53 | 51 | 50 | 50 | 52 | 49 | 47 | 51 | 52 | 56 | 56.2 |
| 4 INCHES | MAX | 66 | 66 | 65 | 63 | 62 | 64 | 65 | 65 | 66 | 67 | 66 | 66 | 68 | 66 | 62 | 59 | 58 | 60 | 61 | 61 | 59 | 58 | 56 | 56 | 56 | 57 | 55 | 53 | 54 | 57 | 59 | 61.1 |
| | MIN | 62 | 65 | 64 | 60 | 58 | 59 | 61 | 63 | 63 | 63 | 63 | 63 | 64 | 56 | 52 | 59 | 55 | 53 | 55 | 57 | 58 | 58 | 55 | 53 | 52 | 52 | 54 | 52 | 50 | 52 | 54 | 56 |
| 8 INCHES | MAX | 65 | 66 | 66 | 65 | 62 | 63 | 64 | 64 | 65 | 65 | 65 | 65 | 66 | 65 | 63 | 59 | 58 | 59 | 59 | 60 | 60 | 60 | 59 | 57 | 56 | 55 | 54 | 55 | 55 | 58 | 60.9 | |
| | MIN | 63 | 65 | 65 | 63 | 61 | 61 | 62 | 64 | 64 | 64 | 64 | 64 | 65 | 63 | 59 | 58 | 56 | 57 | 59 | 59 | 59 | 57 | 55 | 55 | 54 | 55 | 54 | 52 | 53 | 54 | 57 | 59.5 |
| 16 INCHES | MAX | 66 | 66 | 67 | 66 | 65 | 64 | 64 | 64 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 62 | 61 | 60 | 60 | 61 | 61 | 61 | 59 | 58 | 58 | 57 | 57 | 57 | 56 | 56 | 57 | 61.8 |
| | MIN | 65 | 66 | 65 | 65 | 63 | 63 | 63 | 64 | 64 | 64 | 64 | 64 | 64 | 64 | 65 | 62 | 61 | 60 | 59 | 60 | 60 | 61 | 59 | 58 | 58 | 57 | 57 | 57 | 56 | 55 | 57 | 61.1 |
| 32 INCHES | MAX | 68 | 67 | 67 | 67 | 67 | 66 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 64 | 63 | 63 | 62 | 62 | 62 | 62 | 61 | 61 | 60 | 60 | 59 | 59 | 58 | 57 | 58 | 63.3 |
| | MIN | 66 | 66 | 67 | 67 | 66 | 65 | 64 | 65 | 64 | 64 | 65 | 64 | 64 | 64 | 65 | 64 | 63 | 63 | 61 | 61 | 62 | 62 | 61 | 61 | 60 | 59 | 59 | 58 | 57 | 57 | 58 | 62.6 |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 76 | 69 | 65 | 60 | 66 | 72 | 74 | 71 | 72 | 76 | 73 | 72 | 76 | 63 | 52 | 47 | 63 | 68 | 69 | 67 | 56 | 53 | 55 | 61 | 63 | 58 | 55 | 56 | 61 | 65 | 65 | 65.0 |
| | MIN | 55 | 64 | 58 | 48 | 44 | 51 | 54 | 58 | 59 | 56 | 58 | 60 | 62 | 51 | 46 | 43 | 40 | 47 | 51 | 50 | 52 | 44 | 40 | 41 | 43 | 45 | 41 | 37 | 46 | 49 | 54 | 50.1 |
| 2 INCHES | MAX | 75 | 68 | 65 | 60 | 65 | 72 | 74 | 71 | 72 | 75 | 72 | 72 | 75 | 63 | 52 | 46 | 62 | 67 | 69 | 67 | 56 | 53 | 55 | 60 | 62 | 58 | 54 | 56 | 61 | 65 | 65 | 64.6 |
| | MIN | 55 | 64 | 58 | 48 | 45 | 51 | 54 | 59 | 59 | 56 | 58 | 60 | 62 | 51 | 46 | 44 | 41 | 47 | 51 | 50 | 52 | 45 | 41 | 42 | 43 | 45 | 42 | 38 | 46 | 49 | 54 | 50.4 |
| 4 INCHES | MAX | 73 | 68 | 65 | 60 | 64 | 69 | 71 | 68 | 71 | 73 | 71 | 70 | 73 | 63 | 53 | 46 | 60 | 65 | 66 | 64 | 56 | 53 | 54 | 58 | 60 | 57 | 53 | 54 | 59 | 62 | 63 | 63.2 |
| | MIN | 57 | 64 | 60 | 51 | 47 | 52 | 56 | 60 | 60 | 60 | 58 | 59 | 60 | 62 | 53 | 41 | 46 | 43 | 49 | 52 | 52 | 55 | 47 | 44 | 44 | 48 | 44 | 40 | 47 | 50 | 55 | 52.0 |
| 8 INCHES | MAX | 68 | 67 | 65 | 63 | 61 | 64 | 66 | 65 | 67 | 68 | 67 | 67 | 69 | 65 | 59 | 55 | 57 | 60 | 62 | 61 | 58 | 57 | 53 | 56 | 56 | 56 | 52 | 52 | 55 | 63 | 60 | 61.1 |
| | MIN | 61 | 65 | 63 | 57 | 58 | 56 | 59 | 62 | 62 | 61 | 63 | 63 | 63 | 69 | 59 | 55 | 52 | 58 | 52 | 55 | 56 | 57 | 52 | 48 | 48 | 49 | 49 | 46 | 49 | 52 | 56 | 55.7 |

TOTAL PRECIPITATION

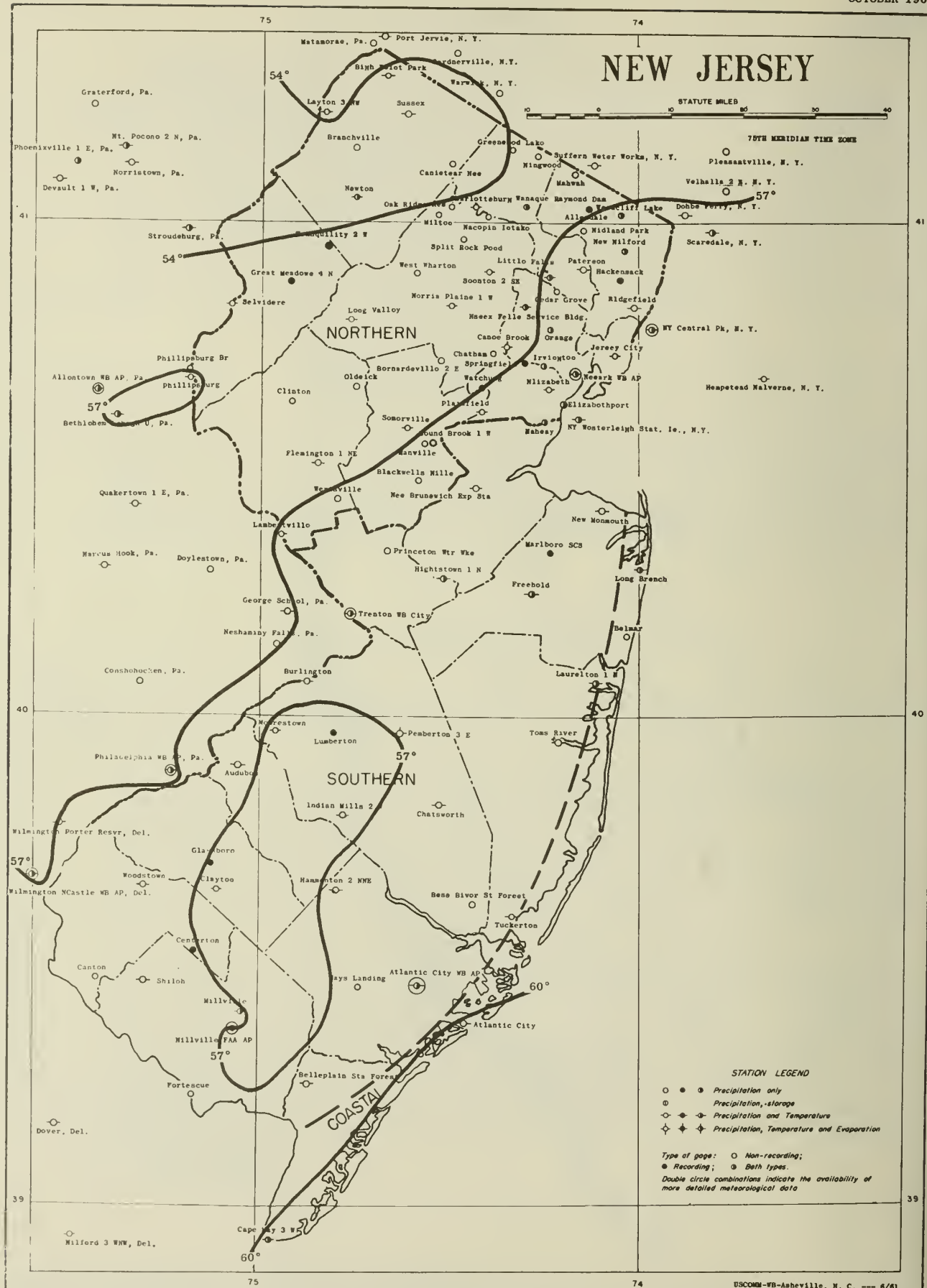
NEW JERSEY
OCTOBER 1961



USCOMM-W-Anheville, M. C. — 6/61

AVERAGE TEMPERATURE

NEW JERSEY
OCTOBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
OCTOBER 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE 1 | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|-----------------------|-----------|------------|------------|----------|-----------|-----------|-----------------------------|--------|------|---------|----------------------------|
| | | | | | | | TEMP | PRECIP | EVAP | SPECIAL | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | MID | | | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | | | J. STATE MARINA |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | JRVLN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | | | | H.J. FORESTRY SERVICE |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | SP | SP | | | BELLEPLAIN STATE FOREST |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | | | | | BELMAR WATER WORKS |
| BEVLIODERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | SP | SP | | | CLEMENT HAUPF |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 8 | 40 43 | 74 32 | 240 | | | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 21 | | | | | HENRY M. MILLER |
| BOONTON 2 SE | 0907 | MORRIS | 8 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUND BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | TA | | | | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | MEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | SP | SP | | | M. WEST MAGNESITE CO. |
| CEAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | J. A. PLUMKETT |
| CENTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | JOHN HOPKINS UNIT |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | MEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | EDWARD P. MOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | SP | SP | | | EARL M. KERCHNER |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 1A | 33 | SP | SP | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | SEWAGE TREATMENT PLANT |
| ESSEX FELLS SERV BLDG | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | 8A | | | BOROUGH ESSEX FELS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | SP | SP | | | DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | JOHN LOPER |
| FREEHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | | | | | GLASSBORO STATE COLLEGE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | BERGEN COUNTY ENGINEERS |
| HANMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | H. J. DEPT-OF COMS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | MUSCON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | E. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | GEORGE G. WOODILL |
| LAVIN 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | A. M. DEPU |
| LITTLE FALLS | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | 9A | | | M. PASSAIC VLT. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 74 00 | 20 | MID | MID | | | H. WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | H. ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | JAMES LAWTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | 9A | | | | MEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 8 | 41 06 | 74 10 | 253 | TA | | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | 8A | | | | JOHN L. RADCLIFFE |
| HARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | GERON BRILL |
| NATS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 10 | 9A | | | | COUNTY EXTENSION SVC. |
| HOLLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | L. J. GALLAGHER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 10 | MID | MID | | | FED. AVIATION AGENCY |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | | JERSEY CITY WATER WKS. |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | | M. J. WILLARD |
| MORRIS PLAINS | 5749 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | H. JAMES C. LONG |
| NEWARK WB AIRPORT | 6024 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | SP | SP | | | ARTHUR M. AHLQUIST |
| NEW MILFORD | 6148 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 165 | 8A | 8A | | | NEWTON WTR. + SUPPLY COMM. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | | | | | MEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | | H. P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | SP | SP | | | PHILIP E. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | H. SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | BP | BP | | | MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 20 | 74 40 | 40 | MID | | | | PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | | RAHWAY VLT. SWG. AUTH. |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | NO. JERSEY WTR. SUPPLY |
| SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | SP | SP | | | EVERETT DICKINSON |
| SOMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | M. E. HAVER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | JERSEY CITY D. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | N. J. DEPT-OF COMS. |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | TA | 7A | | | BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | MID | MID | | | H. J. ERMV |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 36 | MID | MID | | | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | REV. WALTER T. GANDEK |
| WANAQUE RAYMOND DAM | 9187 | PASSAIC | 8 | 41 03 | 74 18 | 520 | 8A | | | | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | BONNIE BURN SANITARIUM |
| WESTVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | ROBERT M. HANNERS |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | M. J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | SP | SP | | | CREAK VALLEY DAIRY |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-MUSCON; 6-MURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, B, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 12/5/61 --- 850

57.05
NNJ

U. S. DEPARTMENT OF COMMERCE

LUTHER H. HODGES, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

NOVEMBER 1961

Volume 66 No. 11



ASHEVILLE: 1962

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FEDERAL BUREAU OF INVESTIGATION

NEW JERSEY - NOVEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 82° on the 5th at 7 stations

Lowest Temperature: 16° on the 28+ at 3 stations

Greatest Total Precipitation: 6.56 inches at High Point Park

Least Total Precipitation: 0.72 inch at Toms River

Greatest One-Day Precipitation: 1.90 inches on the 14th at Atlantic City

Greatest Reported Total Snowfall: 6.3 inches at Midland Park

Greatest Reported Depth of Snow on Ground: 5 inches on the 21st at Oak Ridge Reservoir and Sussex

SPECIAL WEATHER SUMMARY

This was a mild month, continuing the Fall trend, and was notable for the fact that, according to the U. S. Geological Survey, "ground-water levels, contrary to the normal seasonal trend, generally declined because of slightly deficient precipitation and above-normal evapotranspiration". The loss of soil moisture by evapotranspiration was exceptionally high for November because of the prevailing above-normal temperatures and the unusually-frequent strong winds, which increased the drying power of the air.

Outside of the first snow storm of the season, on the 20th, there were no major storms, although there were

numerous minor property losses due to wind damage.

The 3rd, 4th and 5th were very warm: approximately 15 - 20 degrees above normal. Many stations reached the high 70's or low 80's on the 5th, breaking the former maximum temperature records for the date, as well as setting a new record for such extreme warmth so late in the season.

James K. McGuire
Area Climatologist, Northeast
Weather Bureau Office
30 Rockefeller Plaza
New York 20, New York

CLIMATOLOGICAL DATA

NEW JERSEY
NOVEMBER 1961

| Station | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | | |
|-----------------------|-----------------|-----------------|---------|--------------------------------|---------|------|--------|------|-------------|--------------|--------------|---------------|--------------|-------|--------------------------------|--------------|------|-------------|----------------------|------|-------------|-------------|--------------|--|
| | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | | |
| | | | | | | | | | | | | | | | | | | Total | Max. Depth on Ground | Date | 1.0 or More | .50 or More | 1.00 or More | |
| | | | | | | | | | | 92° or Above | 82° or Above | 72° or Above | 62° or Above | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | 54.0 | 35.5 | 44.8 | 2.1 | 76 | 3 | 20 | 11 | 602 | 0 | 0 | 16 | 0 | 3.36 | -.67 | 1.15 | 24 | 1.6 | 1 | 20 | 7 | 3 | 1 | |
| BOONTON 2 SE | 53.1 | 35.0 | 44.1 | 1.9 | 72 | 6+ | 23 | 11 | 625 | 0 | 0 | 22 | 0 | 2.79 | -1.33 | .52 | 17 | | | | 8 | 1 | 0 | |
| CANOE BROOK | 54.6 | 33.3 | 44.0 | 1.3 | 79 | 6+ | 20 | 11 | 633 | 0 | 0 | 20 | 0 | 2.81 | -1.42 | .59 | 17 | 2.5 | 3 | 20 | 8 | 1 | 0 | |
| CHARLOTTEBURG | 52.0 | 33.7 | 42.9 | .9 | 71 | 6 | 24 | 28+ | 656 | 0 | 1 | 19 | 0 | 3.51 | -1.18 | .90 | 7 | 4.3 | 4 | 21 | 8 | 2 | 0 | |
| ELIZABETH | 57.1 | 36.4 | 46.8 | 1.4 | 80 | 5 | 23 | 20+ | 547 | 0 | 0 | 17 | 0 | 2.40 | -1.52 | .60 | 24 | 1.0 | 0 | | 5 | 3 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| ESSEX FELS SERV BLDG | 53.3 | 33.5 | 43.4 | | 76 | 6 | 22 | 13+ | 644 | 0 | 0 | 20 | 0 | 3.73 | | 1.10 | 24 | .7 | 0 | | 8 | 2 | 1 | |
| FLEMINGTON 1 NE | 56.3 | 35.0 | 45.7 | 1.3 | 80 | 5 | 19 | 11 | 582 | 0 | 0 | 17 | 0 | 1.84 | -1.92 | .56 | 24 | 2.0 | 1 | 20 | 4 | 1 | 0 | |
| HIGH POINT PARK | 48.1 | 30.4 | 39.3 | | 65 | 6+ | 16 | 28 | 765 | 3 | 17 | 0 | 0 | 6.81 | | 1.50 | 7 | 3.0 | 3 | 21+ | 11 | 5 | 2 | |
| JERSEY CITY | 51.7 | 39.2 | 45.5 | 1.6 | 71 | 5 | 28 | 29+ | 577 | 0 | 0 | 9 | 0 | 3.03 | -.38 | .77 | 24 | | 0 | | 5 | 3 | 0 | |
| LAMBERTVILLE | 56.0 | 38.0 | 47.0 | 2.8 | 80 | 5 | 22 | 11 | 541 | 0 | 0 | 16 | 0 | 2.24 | -1.54 | .68 | 24 | 2.0 | 1 | 20 | 6 | 1 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | 52.3 | 32.8 | 42.6 | 2.6 | 78 | 6 | 17 | 11 | 667 | 0 | 0 | 18 | 0 | 5.23 | -1.40 | 1.67 | 6 | 3.9 | 2 | 20 | 8 | 4 | 1 | |
| LITTLE FALLS | 56.6 | 36.9 | 46.8 | 2.5 | 76 | 6 | 25 | 11 | 548 | 0 | 0 | 17 | 0 | 3.28 | -1.12 | .61 | 24 | 4.0 | 4 | 20 | 8 | 3 | 0 | |
| LONG VALLEY | 53.9 | 34.1 | 44.0 | | 74 | 3 | 20 | 28+ | 623 | 0 | 0 | 18 | 0 | 3.41 | -.95 | 1.00 | 24 | 3.0 | | | 8 | 2 | 1 | |
| MORRIS PLAINS | 54.2 | 34.4 | 44.3 | | 75 | 4 | 22 | 11 | 619 | 0 | 0 | 20 | 0 | 3.01 | | .61 | 25 | 5.3 | 0 | | 8 | 2 | 0 | |
| NEWARK WB AIRPORT | 54.0 | 40.7 | 47.4 | 2.5 | 75 | 5+ | 29 | 28 | 526 | 0 | 0 | 6 | 0 | 2.64 | -.46 | .75 | 24 | .8 | 1 | 20 | 5 | 3 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | 51.7 | 33.0 | 42.4 | 1.3 | 73 | 5+ | 20 | 11 | 674 | 0 | 1 | 22 | 0 | 3.31 | -.43 | 1.18 | 7 | 4.5 | 3 | 20 | 8 | 2 | 1 | |
| PATERSON | 55.9 | 39.0 | 47.5 | 2.7 | 77 | 6 | 28 | 28+ | 527 | 0 | 0 | 8 | 0 | 3.24 | -.82 | .62 | 17 | 2.4 | 1 | 20 | 8 | 3 | 0 | |
| PHILLIPSBURG | 56.8 | 37.7 | 47.3 | 4.4 | 77 | 3 | 22 | 11 | 531 | 0 | 0 | 17 | 0 | 2.71 | -1.05 | 1.06 | 24 | 1.0 | 1 | 20 | 6 | 3 | 1 | |
| PLAINFIELD | 55.7 | 38.1 | 46.9 | 2.3 | 81 | 5 | 23 | 11 | 545 | 0 | 0 | 17 | 0 | 2.51 | -1.41 | .66 | 24 | 2.0 | 0 | | 5 | 3 | 0 | |
| SOMERVILLE | 55.1 | 36.4 | 45.8 | 2.0 | 78 | 4 | 20 | 11 | 578 | 0 | 0 | 18 | 0 | 2.32 | -1.43 | .68 | 24 | | 0 | | 6 | 1 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| SUSSEX | 51.8 | 31.5 | 41.7 | -.4 | 72 | 4 | 20 | 18 | 690 | 0 | 0 | 21 | 0 | 3.62 | -.38 | 1.32 | 7 | 5.0 | 5 | 21 | 9 | 1 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 44.8 | 1.5 | | | | | | | | | | | 3.22 | -.77 | 2.7 | | | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | 56.3 | 39.0 | 47.7 | 1.2 | 77 | 6 | 23 | 11 | 525 | 0 | 0 | 10 | 0 | 2.83 | -.29 | 1.03 | 20+ | .0 | 0 | | 5 | 2 | 2 | |
| AUDUBON | 56.6 | 39.8 | 48.2 | | 81 | 5 | 25 | 11 | 509 | 0 | 0 | 9 | 0 | 1.96 | | .50 | 7 | 2.0 | 0 | | 5 | 1 | 0 | |
| BELLEPLAIN STA FOREST | 58.4 | 36.8 | 47.6 | | 80 | 5 | 16 | 11 | 518 | 0 | 0 | 15 | 0 | 2.86 | -1.32 | .93 | 20 | .0 | 0 | | 7 | 2 | 0 | |
| BURLINGTON | 57.2 | 40.2M | 48.7M | 2.3 | 82 | 5 | 26 | 22+ | 490 | 0 | 0 | 8 | 0 | 1.85 | -1.89 | .45 | 20 | | 0 | | 5 | 0 | 0 | |
| CHATSWORTH | 58.0 | 38.0 | 48.0 | | 82 | 5 | 18 | 11 | 512 | 0 | 0 | 15 | 0 | 2.10 | | .88 | 20 | .0 | 0 | | 5 | 1 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAYTON | 54.7 | 36.2 | 45.5 | | 81 | 5 | 20 | 10 | 586 | 0 | 0 | 15 | 0 | 1.29 | | .41 | 6 | 1.5 | 1 | 20 | 5 | 0 | 0 | |
| FREEHOLD | 56.0 | 38.3 | 47.2 | 2.0 | 82 | 5 | 24 | 11 | 538 | 0 | 0 | 12 | 0 | 2.60 | -1.46 | .78 | 20 | T | 0 | | 5 | 3 | 0 | |
| HAMMONTON 2 NNE | 57.8 | 37.2 | 47.5 | 4.4 | 81 | 6 | 23 | 11 | 526 | 0 | 0 | 12 | 0 | 1.36 | -2.41 | .58 | 20 | .0 | 0 | | 4 | 1 | 0 | |
| HIGHTSTOWN 1 N | 55.6 | 37.6 | 46.6 | 1.6 | 81 | 5 | 23 | 11 | 553 | 0 | 0 | 17 | 0 | 2.20 | -1.27 | .50 | 20+ | T | 0 | | 5 | 2 | 0 | |
| INDIAN MILLS 2 W | 56.0 | 35.5 | 45.8 | .5 | 82 | 5 | 16 | 11 | 580 | 0 | 0 | 18 | 0 | 1.71 | -2.09 | .58 | 20 | .0 | 0 | | 5 | 1 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| MILLVILLE | 57.4 | 39.2 | 48.3 | | 78 | 6 | 24 | 11 | 501 | 0 | 0 | 9 | 0 | 2.30 | | .88 | 14 | | 0 | | 5 | 2 | 0 | |
| MILLVILLE FAA AIRPORT | 55.9 | 38.3 | 47.1 | | 76 | 5+ | 20 | 11 | 539 | 0 | 0 | 10 | 0 | 2.37 | | .86 | 14 | T | 0 | | 5 | 2 | 0 | |
| MOORESTOWN | 56.0 | 37.7 | 46.9 | 2.1 | 80 | 5 | 21 | 11 | 551 | 0 | 0 | 14 | 0 | 1.72 | -1.92 | .43 | 20 | 2.0 | 1 | 20 | 5 | 0 | 0 | |
| NEW BRUNSWICK EXP STA | 55.6 | 37.8 | 46.7 | 1.7 | 79 | 5 | 25 | 19+ | 548 | 0 | 0 | 17 | 0 | 2.26 | -1.37 | .56 | 24 | T | 0 | | 6 | 2 | 0 | |
| NEW MONMOUTH | 56.2 | 40.3 | 48.3 | | 82 | 5 | 26 | 11 | 506 | 0 | 0 | 12 | 0 | 2.48 | | .93 | 20 | .0 | 0 | | 5 | 2 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | 57.9 | 36.2 | 47.1 | 1.0 | 82 | 5 | 22 | 19 | 538 | 0 | 0 | 17 | 0 | 1.94 | -1.62 | .61 | 20 | .0 | 0 | | 6 | 1 | 0 | |
| SHILOH | 56.6 | 39.2 | 47.9 | 1.8 | 76 | 5+ | 23 | 11 | 510 | 0 | 0 | 12 | 0 | 2.43 | -1.21 | .85 | 15 | .0 | 0 | | 7 | 1 | 0 | |
| TOMS RIVER | 57.9 | 36.3 | 47.1 | | 82 | 5 | 20 | 11 | 538 | 0 | 0 | 18 | 0 | .72 | | .36 | 24 | .0 | 0 | | 3 | 0 | 0 | |
| TRENTON WB CITY | 54.6 | 40.2 | 47.4 | 1.8 | 80 | 5 | 28 | 28 | 532 | 0 | 0 | 5 | 0 | 2.11 | -.75 | .61 | 14 | .8 | 1 | 20 | 5 | 1 | 0 | |
| TUCKERTON | 56.9 | 38.2 | 47.6 | | 73 | 6+ | 20 | 11 | 519 | 0 | 0 | 15 | 0 | 2.57 | | 1.20 | 20 | .0 | 0 | | 6 | 2 | 1 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| WOODSTOWN | 58.5M | 38.4 | 48.5M | | 81 | 5 | 20 | 11 | 482 | 0 | 0 | 12 | 0 | 2.26 | | .58 | 20 | 3.0 | 0 | | 7 | 1 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 47.4 | 1.9 | | | | | | | | | | | 2.09 | -1.69 | .5 | | | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | 55.4 | 45.2 | 50.3 | 2.2 | 66 | 6+ | 35 | 30 | 435 | 0 | 0 | 0 | 0 | 3.76 | .44 | 1.90 | 14 | | | | 5 | 2 | 2 | |
| CAPE MAY 3 W | 56.9M | 44.3M | 50.6M | | 72 | 6 | 30 | 11 | 428 | 0 | 0 | 1 | 0 | 1.74 | | 1.25 | 20 | .0 | 0 | | 3 | 1 | 1 | |
| LONG BRANCH | 54.5 | 40.3 | 47.4 | 1.9 | 75 | 5 | 26 | 11 | 525 | 0 | 0 | 8 | 0 | 2.19 | -1.75 | .95 | 20 | T | 0 | | 5 | 1 | 0 | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| DIVISION | | | 49.4 | 2.3 | | | | | | | | | | | 2.56 | -1.09 | T | | | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m p h | | | | Relative humidity averages - percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset | |
|--------------------------|----------------|---------------------------------------|---------------------|-----------------|---------------------------------|-------------------------|---|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|-----------------|-------|------------------------------------|---|--|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | | |
| | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AIRPORT | WNW | 22 | 13.7 | 40++ | WNW | 24 | 76 | 81 | 54 | 71 | 3 | 4 | 3 | 0 | 2 | 0 | 12 | 60 | 5.8 | |
| ATLANTIC CITY | - | - | 13.2 | 29++ | NW | 29+ | - | - | - | - | - | 1 | 3 | 0 | 2 | 0 | - | - | - | |
| LONG BRANCH | NW | 17 | 14.0 | 40 | NW | 28+ | - | 78 | 59 | 66 | 2 | 2 | 4 | 1 | 0 | 0 | 9 | 60 | 5.6 | |
| NEWARK WB AIRPORT | NW | 18 | 10.4 | 31++ | NNW | 27 | 68 | 73 | 55 | 62 | 6 | 4 | 2 | 3 | 0 | 0 | 15 | - | 6.4 | |
| TRENTON WB CITY | NW | - | 9.6 | 38 | NW | 25 | - | - | - | - | 3 | 4 | 4 | 1 | 0 | 0 | 12 | 65 | 5.9 | |
| & 12:00 Noon | | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
NOVEMBER 1961

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------|-------|--------------|---|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|----|------|------|----|----|------|-----|----|----|-----|-----|-----|----|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | 2.83 | | | | | | T | .10 | | | | | .02 | T | 1.03 | .01 | .18 | .01 | | T | 1.03 | | | | .44 | | | | .01 | | | | |
| ATLANTIC CITY | 1.76 | | | | | | | .10 | | | | | | T | 1.90 | | .15 | | | | 1.27 | | | | .33 | | | | | | | | |
| AUDUBON | 1.96 | | | | T | T | | .50 | | | | | | T | .30 | T | .31 | | | | .49 | | | | .36 | | | | T | | | | |
| BASS RIVER ST FOREST | 2.65 | | | | | * | * | .26 | | | | | | T | .14 | * | .44 | | .27 | | | 1.15 | | | .39 | | | | | | | | |
| BELLEPLAIN STA FOREST | 2.86 | | | | | | | .16 | | | | | | | .12 | .44 | .63 | T | .21 | | | .93 | | | .37 | | | | | | | | |
| BELVIDERE | 3.36 | | | | T | .03 | .23 | .72 | | T | .01 | | T | .03 | .53 | .01 | .12 | .37 | | | .16 | | | | 1.15 | | | | T | | | | |
| BERNARDSVILLE 2 E | 3.04 | | | | .03 | .02 | | .46 | | | T | | | .09 | .25 | | .59 | | | | .28 | .19 | | | .27 | .86 | | | | | | | |
| BLACKWELLS MILLS | 2.12 | | | | | T | | .31 | T | | .05 | | | .07 | .12 | .12 | | .44 | | | .26 | .13 | | | .27 | .35 | | | | | | | |
| BOONTON 2 SE | 2.79 | | | | .02 | T | | .40 | | T | | | | .05 | .16 | .38 | | .52 | | | .21 | .19 | | | .38 | .48 | | | | T | T | | |
| BOUND BROOK 1 W | 2.77 | | | | T | T | | .29 | T | | .02 | | | .04 | .12 | .23 | T | .45 | T | | .20 | .14 | | | .93 | .35 | T | | T | | | | |
| BRANCHVILLE | 3.96 | | | | | .04 | .15 | 1.42 | | | | .06 | | | .36 | .47 | | .43 | | | .15 | .14 | | | .29 | .45 | | | | | | | |
| BURLINGTON | 1.85 | | | | T | | | .28 | | T | | | | T | .40 | | .07 | .28 | | | .45 | | | | .37 | | | | T | | | | |
| CANISTEAR RESERVOIR | 2.93 | | | | | .02 | .03 | .82 | | | T | | | .09 | .18 | .52 | | .46 | | | .08 | .18 | | | .13 | .40 | | | | .02 | T | | |
| CANOE BROOK | 2.81 | | | | | T | | .39 | .02 | | T | | | .05 | .13 | .22 | | .59 | | | .30 | .19 | | | .47 | .45 | | | | | | | |
| CANTON | 2.03 | | | | | | | .28 | | | | | | | .04 | .88 | | .18 | | | .16 | | | | .49 | | | | | | | | |
| CAPE HAY 3 W | 1.74 | | | | | | | .20 | | | | | | .03 | .05 | .21 | | | | | 1.25 | | | | .52 | .96 | | | | | | | |
| CEDAR GROVE | 2.76 | | | | | | | .08 | | | | | | | | .33 | | .52 | | | .35 | | | | .52 | .70 | | | | | | | |
| CHARLOTTEBURG | 3.51 | | | | T | .09 | .05 | .01 | | | .02 | | | .07 | .12 | .45 | | .49 | | | .18 | .31 | | | .12 | .70 | | | | | T | | |
| CHATHAM | 3.18 | | | | | | | .38 | | | .05 | | | .08 | .18 | .20 | | .60 | | | .28 | .21 | | | .60 | .60 | | | | | | | |
| CHATSWORTH | 2.10 | | | | | | | .35 | | | | | | | .35 | | | .20 | | | .88 | | | | .32 | | | | | | | | |
| CLAYTON | 1.29 | | | | | T | | .41 | | | | | | T | .27 | .15 | .14 | T | | | .28 | T | | | .78 | | | | | | | | |
| CLINTON | 2.80 | | | | .06 | | | .52 | | | | | | .03 | .52 | .02 | .09 | .50 | | | .28 | | | | .78 | | | | | | | | |
| ELIZABETH | 2.40 | | | | | | .02 | .33 | | T | | | | .02 | .34 | .02 | | .52 | | | .60 | | | | .60 | .01 | | | .01 | | | | |
| ELIZABETHPORT | 2.34 | | | | | | T | .30 | | | | | .04 | .01 | .24 | | .52 | .02 | | | .61 | | | | .60 | | | | | | | | |
| ESSEX FIELDS SERV BLDG | 3.73 | | | | | T | | .30 | | | | | | .09 | .20 | .32 | | .90 | | | .40 | .30 | | | 1.10 | .12 | | | | | | | |
| FLEMINGTON 1 NE | 1.84 | | | | T | .02 | T | .48 | | T | .02 | | | .05 | .40 | .04 | .01 | T | | | .26 | | | | .56 | | | | T | | | | |
| FORTESCUE | 2.39 | | | | | | | .24 | | | | | | | 1.08 | | .18 | | | | .58 | | | | .31 | | | | | | | | |
| FREEDHOLD | 2.60 | | | | | | | .22 | | | | | | .03 | .52 | .02 | .03 | .40 | | | .78 | | | | .55 | | | | .05 | | | | |
| GREENWOOD LAKE | 3.65 | | | | .10 | .04 | .01 | .80 | .04 | T | | | | .12 | .19 | .60 | | .47 | | | .16 | .32 | | | .15 | .56 | | | | .09 | | | |
| HAMMONTON 2 NNE | 1.36 | | | | | | | .01 | | | | | | | .05 | .03 | | .22 | | | .58 | .11 | T | | .36 | | | | | | | | |
| HIGH POINT PARK | 06.81 | | | | T | .12 | .06 | 1.24 | 1.50 | T | T | T | | .12 | .50 | .94 | | .32 | | | 0.25 | .08 | | | .37 | .85 | | | | .46 | T | | |
| NIGHTSTOWN 1 N | 2.20 | | | | | .06 | | .27 | | T | | | | .03 | .50 | .01 | T | .44 | | | .50 | | | | .39 | | | | T | | | | |
| INDIAN HILLS 2 W | 1.71 | | | | T | | | .17 | | | | | | T | .34 | T | | .16 | .05 | | .58 | | | | .41 | | | | | | | | |
| IRVINGTON | 2.49 | | | | .03 | | .04 | .20 | | .02 | | | | .04 | .01 | .41 | | .40 | .04 | | .65 | | | | .65 | | | | | | | | |
| JERSEY CITY | 3.03 | | | | | | | .40 | | | | | T | .05 | .48 | | .60 | | | | .73 | | | | .77 | | | | | | | | |
| LAHBERTVILLE | 2.24 | | | | .02 | | | .46 | | | | | | .04 | .31 | | .17 | .26 | | | .30 | | | | .68 | | | | | | | | |
| LAYTON 3 NW | 5.23 | | | | .12 | .02 | 1.67 | .86 | | T | | | | .07 | .75 | | .18 | .23 | | | .31 | | | | .97 | | | | T | .05 | | | |
| LITTLE FALLS | 3.20 | | | | | | | .37 | | | .01 | | | .07 | .22 | .24 | | .59 | | | .37 | .29 | | | .61 | .51 | | | | | | | |
| LONG BRANCH | 2.19 | | | | | | | .17 | | | | | | | .38 | | .35 | .01 | | | .95 | | | | .32 | | | | | | | | |
| LONG VALLEY | 3.41 | | | | .08 | .05 | .30 | .28 | | .10 | | | | .10 | .70 | | .46 | | | | .30 | | | | 1.00 | | | | .04 | | | | |
| MANVAH | 3.09 | | | .01 | .04 | .06 | | .48 | | | | | | .08 | .18 | .42 | | .44 | | | .21 | .37 | | | .17 | .61 | | | .02 | | | | |
| MANVILLE | 2.17 | | | | | .30 | | .25 | | | T | | | .08 | .16 | | .42 | | | | .27 | | | | .48 | .21 | | | | | | | |
| HAYS LANDING | 3.11 | | | | | | | .16 | | | | | | .05 | .01 | 1.27 | | .23 | | | .39 | .23 | | | .39 | .01 | | | .01 | | | | |
| HIGHLAND PARK | 3.19 | | | .03 | .10 | | .11 | | | | | | * | .33 | .69 | | .58 | .04 | | | .62 | | | | .68 | | | | .01 | | | | |
| HILLVILLE | 2.30 | | | | | | | .18 | | | | | | | .88 | .06 | | .21 | | | .59 | | | | .38 | | | | T | | | | |
| HILLVILLE FAA AIRPORT | 2.37 | | | | | | | .19 | | | | | T | .01 | .86 | .03 | .24 | T | | T | .63 | | | | .41 | | | | | | | | |
| HILTON | 3.52 | | | | .11 | .04 | .02 | .78 | | | .10 | | | .11 | .31 | .15 | .17 | .56 | | | .10 | .16 | | | .33 | .56 | | | | | .02 | | |
| MOORESTOWN | 1.72 | | | | T | .03 | | .40 | | | | | | T | .02 | .26 | | .38 | | | .43 | .04 | | | .02 | .14 | | | | T | | | |
| MORRIS PLAINS | 3.01 | | | | .04 | T | T | .39 | | T | .04 | | | .05 | .24 | .33 | | .59 | | | .19 | .17 | | | .36 | .61 | | | | T | T | | |
| NEWARK WB AIRPORT | 2.64 | | | T | T | .03 | T | .27 | | .01 | | | .03 | T | .37 | | .52 | .05 | | | .61 | | | | .75 | | | | T | T | | | |
| NEW BRUNSWICK EXP STA | 2.26 | | | | | .02 | | .28 | | T | .02 | | | .12 | .30 | | T | .51 | | | .45 | | | | .56 | | | | T | | | | |
| NEW MILFORD | 2.38 | | | | | | | .28 | | | | | .05 | .03 | .42 | | .46 | .06 | | | .54 | | | | .54 | | | | | | | | |
| NEW MONMOUTH | 2.48 | | | | | | | .30 | | | | | | .03 | .23 | | .07 | .41 | | | .93 | | | | .51 | | | | | | | | |
| NEWTON | 3.31 | | | | .04 | T | .03 | 1.18 | | | .01 | | | .07 | .31 | .39 | | .52 | | | .19 | .10 | | | .14 | .33 | | | | T | | | |
| DAK RIDGE RESERVOIR | 3.45 | | | | .11 | .04 | .03 | .82 | | | .11 | | | .09 | .21 | .41 | | .44 | | | .16 | .26 | | | .16 | .59 | | | | .02 | | | |
| OLDWICK | 2.83 | | | | .03 | .01 | | .57 | | T | | | | .08 | .26 | .38 | | .68 | | | .16 | .10 | | | .56 | | | | | | | | |
| DRANGE | 2.88 | | | | | | .35 | | | | | | | .18 | .24 | .05 | | .53 | | | .51 | | | | .95 | .07 | | | | | | | |
| PATERSON | 3.24 | | | | T | | .02 | .38 | T | | | | | .08 | .20 | .29 | | .62 | | | .14 | .40 | | | .61 | .50 | | | | T | | T | |
| PEMBERTON 3 E | 1.94 | | | | | | | .22 | | | | | | .01 | .33 | .11 | | .26 | | | .61 | .01 | | | .39 | | | | T | | | | |
| PHILLIPSBURG | 2.71 | | | | .25 | T | T | .10 | | | | | | | | | | | | | | | | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
NOVEMBER 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | MAX | 66 | 59 | 73 | 73 | 76 | 77 | 60 | 54 | 46 | 44 | 51 | 62 | 65 | 62 | 60 | 59 | 60 | 48 | 42 | 46 | 44 | 47 | 54 | 58 | 54 | 59 | 56 | 40 | 44 | 49 | 56.3 | |
| | MIN | 42 | 37 | 59 | 62 | 61 | 57 | 38 | 34 | 32 | 29 | 23 | 33 | 56 | 57 | 41 | 36 | 41 | 34 | 26 | 36 | 32 | 29 | 30 | 44 | 40 | 37 | 34 | 29 | 31 | 31 | 39.0 | |
| ATLANTIC CITY | MAX | 64 | 58 | 64 | 65 | 66 | 66 | 60 | 56 | 48 | 46 | 52 | 59 | 60 | 58 | 58 | 58 | 59 | 51 | 49 | 50 | 47 | 50 | 54 | 56 | 55 | 57 | 57 | 43 | 47 | 49 | 55.4 | |
| | MIN | 51 | 48 | 58 | 60 | 61 | 59 | 45 | 42 | 38 | 38 | 36 | 47 | 56 | 58 | 50 | 46 | 45 | 39 | 38 | 41 | 39 | 37 | 42 | 47 | 44 | 42 | 40 | 36 | 37 | 35 | 45.2 | |
| AUOUBON | MAX | 66 | 65 | 77 | 79 | 81 | 71 | 59 | 54 | 46 | 43 | 50 | 67 | 64 | 62 | 60 | 58 | 58 | 48 | 43 | 39 | 45 | 48 | 58 | 56 | 55 | 61 | 52 | 40 | 44 | 50 | 56.6 | |
| | MIN | 43 | 43 | 57 | 60 | 62 | 55 | 43 | 36 | 32 | 33 | 25 | 32 | 54 | 56 | 39 | 37 | 45 | 37 | 31 | 32 | 35 | 35 | 33 | 45 | 40 | 32 | 34 | 28 | 31 | 29 | 39.8 | |
| BELLEPLAIN STA FOREST | MAX | 72 | 62 | 77 | 78 | 80 | 79 | 70 | 56 | 47 | 44 | 51 | 66 | 63 | 62 | 60 | 58 | 61 | 48 | 40 | 45 | 45 | 50 | 57 | 57 | 54 | 62 | 59 | 53 | 45 | 50 | 58.4 | |
| | MIN | 49 | 33 | 53 | 61 | 51 | 50 | 53 | 25 | 31 | 28 | 16 | 27 | 52 | 55 | 52 | 33 | 50 | 30 | 21 | 34 | 30 | 25 | 26 | 42 | 34 | 27 | 29 | 28 | 30 | 28 | 36.8 | |
| BELVIDERE | MAX | 65 | 58 | 76 | 74 | 73 | 71 | 57 | 52 | 46 | 41 | 48 | 60 | 57 | 59 | 60 | 52 | 57 | 50 | 45 | 40 | 42 | 49 | 51 | 59 | 54 | 54 | 47 | 47 | 40 | 46 | 54.0 | |
| | MIN | 42 | 27 | 48 | 60 | 60 | 53 | 46 | 29 | 30 | 28 | 20 | 24 | 46 | 50 | 41 | 24 | 47 | 33 | 23 | 27 | 28 | 30 | 33 | 43 | 39 | 25 | 28 | 25 | 29 | 27 | 35.5 | |
| BOONTON 2 SE | MAX | 70 | 59 | 56 | 72 | 72 | 72 | 62 | 57 | 52 | 44 | 40 | 47 | 59 | 58 | 60 | 58 | 53 | 57 | 45 | 45 | 38 | 40 | 47 | 50 | 50 | 52 | 58 | 50 | 34 | 36 | 53.1 | |
| | MIN | 48 | 28 | 30 | 52 | 59 | 59 | 50 | 29 | 32 | 30 | 23 | 27 | 32 | 52 | 45 | 29 | 30 | 30 | 29 | 27 | 32 | 32 | 28 | 32 | 39 | 30 | 28 | 28 | 28 | 31 | 35.0 | |
| BURLINGTON | MAX | 76 | 63 | 79 | 78 | 82 | 70 | 60 | 54 | 45 | 40 | 47 | 62 | 65 | 62 | 62 | 62 | 58 | 49 | 45 | 38 | 45 | 50 | 56 | 58 | 55 | 60 | 56 | 50 | 45 | 44 | 57.2 | |
| | MIN | 52 | 37 | 53 | 60 | 60 | 56 | 46 | 38 | 36 | 34 | 26 | 26 | 54 | 55 | 49 | 37 | 48 | | 30 | 30 | 34 | 26 | 35 | 45 | 41 | 33 | 34 | 34 | 29 | 28 | 40.2 | |
| CANOE BROOK | MAX | 71 | 60 | 56 | 73 | 79 | 79 | 64 | 58 | 52 | 45 | 42 | 49 | 60 | 59 | 60 | 57 | 54 | 58 | 47 | 46 | 38 | 43 | 47 | 52 | 54 | 54 | 59 | 50 | 35 | 38 | 54.6 | |
| | MIN | 46 | 24 | 26 | 52 | 61 | 55 | 48 | 28 | 28 | 29 | 20 | 22 | 36 | 52 | 41 | 27 | 31 | 28 | 33 | 24 | 24 | 26 | 32 | 40 | 39 | 27 | 25 | 26 | 28 | 30 | 33.3 | |
| CAPE MAY 3 W | MAX | 70 | 63 | 69 | 70 | 70 | 72 | 65 | 58 | 52 | 47 | 49 | | 63 | 62 | 60 | 59 | 60 | 56 | | 48 | 44 | 45 | 56 | 50 | 50 | 53 | 53 | 51 | 49 | 48 | 56.9 | |
| | MIN | 59 | 44 | 58 | 61 | 61 | 55 | 54 | 48 | 40 | 39 | 30 | | 41 | 56 | 53 | 43 | 41 | 43 | | 37 | 40 | 39 | 34 | 38 | 42 | 43 | 39 | 33 | 34 | 36 | 44.3 | |
| CHARLOTTEBURG | MAX | 68 | 55 | 56 | 69 | 70 | 71 | 58 | 54 | 50 | 41 | 37 | 47 | 59 | 60 | 59 | 54 | 53 | 56 | 43 | 44 | 35 | 39 | 45 | 57 | 54 | 51 | 60 | 50 | 30 | 35 | 52.0 | |
| | MIN | 44 | 25 | 33 | 51 | 60 | 57 | 47 | 29 | 29 | 27 | 24 | 25 | 34 | 50 | 40 | 27 | 30 | 33 | 32 | 25 | 31 | 30 | 27 | 30 | 37 | 32 | 26 | 24 | 25 | 27 | 33.7 | |
| CHATSWORTH | MAX | 70 | 68 | 76 | 78 | 82 | 79 | 65 | 55 | 47 | 44 | 49 | 64 | 67 | 61 | 61 | 57 | 59 | 49 | 43 | 44 | 43 | 49 | 55 | 58 | 58 | 60 | 55 | 51 | 42 | 50 | 58.0 | |
| | MIN | 47 | 32 | 56 | 52 | 57 | 52 | 52 | 27 | 27 | 27 | 18 | 27 | 53 | 54 | 48 | 30 | 48 | 34 | 23 | 37 | 31 | 29 | 42 | 50 | 38 | 32 | 28 | 27 | 30 | 27 | 38.0 | |
| CLAYTON | MAX | 70 | 62 | 74 | 74 | 81 | 65 | 57 | 52 | 43 | 41 | 47 | 62 | 62 | 63 | 60 | 55 | 56 | 46 | 40 | 39 | 45 | 47 | 52 | 54 | 54 | 58 | 52 | 38 | 45 | 48 | 54.7 | |
| | MIN | 49 | 35 | 55 | 62 | 60 | 51 | 41 | 29 | 22 | 20 | 21 | 42 | 52 | 51 | 47 | 34 | 40 | 30 | 25 | 28 | 26 | 30 | 31 | 38 | 35 | 31 | 26 | 23 | 24 | 28 | 36.2 | |
| ELIZABETH | MAX | 65 | 60 | 70 | 72 | 80 | 72 | 63 | 57 | 47 | 47 | 51 | 65 | 60 | 60 | 62 | 56 | 62 | 52 | 50 | 41 | 45 | 50 | 56 | 56 | 58 | 57 | 54 | 49 | 41 | 49 | 57.1 | |
| | MIN | 46 | 29 | 47 | 53 | 60 | 52 | 47 | 29 | 26 | 34 | 23 | 27 | 55 | 58 | 44 | 29 | 47 | 29 | 23 | 23 | 30 | 28 | 30 | 44 | 36 | 30 | 30 | 25 | 28 | 29 | 36.4 | |
| ESSEX FELS SERV BLDG | MAX | 73 | 59 | 58 | 70 | 72 | 76 | 62 | 56 | 51 | 45 | 39 | 48 | 58 | 59 | 59 | 56 | 55 | 58 | 45 | 45 | 35 | 41 | 45 | 51 | 51 | 54 | 58 | 49 | 34 | 37 | 53.3 | |
| | MIN | 44 | 27 | 35 | 51 | 61 | 57 | 49 | 29 | 28 | 25 | 22 | 22 | 22 | 53 | 43 | 29 | 34 | 29 | 25 | 27 | 29 | 28 | 27 | 30 | 39 | 27 | 27 | 27 | 28 | 30 | 33.5 | |
| FLEMINGTON 1 NE | MAX | 67 | 62 | 79 | 78 | 80 | 76 | 59 | 53 | 45 | 42 | 51 | 65 | 60 | 61 | 61 | 54 | 55 | 47 | 48 | 40 | 44 | 49 | 56 | 52 | 54 | 60 | 50 | 49 | 42 | 49 | 56.3 | |
| | MIN | 42 | 22 | 48 | 56 | 60 | 54 | 45 | 29 | 29 | 28 | 19 | 22 | 48 | 52 | 44 | 26 | 46 | 34 | 20 | 27 | 27 | 29 | 26 | 43 | 40 | 24 | 27 | 26 | 30 | 26 | 35.0 | |
| FREEHOLD | MAX | 64 | 58 | 76 | 78 | 82 | 76 | 59 | 54 | 45 | 43 | 48 | 64 | 64 | 61 | 60 | 56 | 58 | 48 | 41 | 42 | 43 | 47 | 55 | 59 | 54 | 57 | 52 | 46 | 41 | 49 | 56.0 | |
| | MIN | 50 | 32 | 47 | 58 | 60 | 55 | 48 | 33 | 30 | 28 | 24 | 33 | 52 | 55 | 47 | 32 | 47 | 33 | 25 | 34 | 31 | 30 | 33 | 46 | 38 | 32 | 35 | 26 | 28 | 27 | 38.3 | |
| HAMMONTON 2 NNE | MAX | 75 | 66 | 63 | 78 | 78 | 81 | 74 | 59 | 54 | 45 | 43 | 57 | 68 | 69 | 61 | 57 | 59 | 60 | 48 | 41 | 42 | 44 | 47 | 59 | 58 | 55 | 54 | 54 | 39 | 43 | 57.8 | |
| | MIN | 49 | 35 | 41 | 56 | 60 | 53 | 53 | 32 | 30 | 28 | 23 | 29 | 44 | 54 | 49 | 33 | 36 | 35 | 27 | 33 | 32 | 31 | 29 | 37 | 36 | 34 | 35 | 28 | 28 | 26 | 37.2 | |
| HIGH POINT PARK | MAX | 65 | 53 | 51 | 63 | 60 | 65 | 51 | 52 | 44 | 35 | 40 | 52 | 57 | 56 | 56 | 52 | 52 | 52 | 44 | 42 | 32 | 35 | 44 | 42 | 46 | 52 | 50 | 46 | 29 | 26 | 48.1 | |
| | MIN | 41 | 29 | 36 | 46 | 49 | 48 | 40 | 26 | 23 | 21 | 18 | 24 | 44 | 44 | 33 | 33 | 40 | 26 | 20 | 22 | 24 | 22 | 27 | 29 | 34 | 26 | 33 | 16 | 19 | 20 | 30.4 | |
| HIGHTSTOWN 1 N | MAX | 65 | 60 | 76 | 80 | 81 | 70 | 59 | 52 | 46 | 42 | 47 | 65 | 62 | 61 | 60 | 55 | 58 | 49 | 44 | 38 | 42 | 48 | 56 | 58 | 54 | 57 | 50 | 47 | 41 | 46 | 55.6 | |
| | MIN | 50 | 28 | 48 | 59 | 61 | 55 | 50 | 32 | 30 | 28 | 23 | 26 | 53 | 55 | 47 | 30 | 49 | 34 | 25 | 31 | 31 | 29 | 29 | 44 | 37 | 29 | 30 | 27 | 30 | 29 | 37.6 | |
| INDIAN MILLS 2 W | MAX | 65 | 61 | 76 | 78 | 82 | 73 | 59 | 52 | 44 | 42 | 50 | 66 | 65 | 61 | 60 | 56 | 57 | 47 | 42 | 40 | 43 | 47 | 56 | 58 | 53 | 58 | 53 | 46 | 42 | 48 | 56.0 | |
| | MIN | 43 | 29 | 49 | 59 | 59 | 53 | 39 | 26 | 30 | 29 | 16 | 25 | 52 | 54 | 41 | 31 | 43 | 30 | 21 | 31 | 29 | 30 | 26 | 44 | 38 | 30 | 28 | 27 | 28 | 24 | 35.5 | |
| JERSEY CITY | MAX | 59 | 53 | 63 | 69 | 71 | 63 | 57 | 52 | 43 | 40 | 45 | 56 | 59 | 60 | 55 | 53 | 58 | 46 | 44 | 36 | 43 | 46 | 50 | 53 | 53 | 56 | 52 | 35 | 36 | 46 | 51.7 | |
| | MIN | 40 | 36 | 53 | 59 | 60 | 53 | 43 | 37 | 34 | 30 | 29 | 37 | 52 | 55 | 44 | 36 | 41 | 35 | 29 | 32 | 32 | 31 | 36 | 45 | 40 | 35 | 35 | 28 | 28 | 32 | 39.2 | |
| LAMBERTVILLE | MAX | 65 | 63 | 78 | 78 | 80 | 70 | 60 | 53 | 46 | 43 | 50 | 64 | 61 | 60 | 60 | 55 | 56 | 48 | 46 | 37 | 43 | 51 | 56 | 54 | 55 | 59 | 50 | 47 | 43 | 49 | 56.0 | |
| | MIN | 50 | 32 | 52 | 58 | 61 | 56 | 48 | 33 | 32 | 32 | 22 | 27 | 49 | 54 | 45 | 30 | 47 | 35 | 25 | 31 | 30 | 31 | 29 | 46 | 40 | 27 | | | | | | |

Continued

DAILY TEMPERATURES

NEW JERSEY
NOVEMBER 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SHILOH | MAX | 68 | 63 | 74 | 76 | 76 | 70 | 66 | 53 | 47 | 44 | 50 | 61 | 63 | 62 | 61 | 56 | 58 | 49 | 42 | 41 | 44 | 48 | 56 | 57 | 54 | 61 | 54 | 50 | 45 | 49 | 56.6 | |
| | MIN | 51 | 37 | 53 | 61 | 49 | 55 | 49 | 37 | 32 | 30 | 23 | 32 | 52 | 54 | 51 | 36 | 48 | 37 | 28 | 31 | 32 | 31 | 30 | 44 | 37 | 33 | 37 | 28 | 29 | 29 | 39.2 | |
| SOMERVILLE | MAX | 65 | 65 | 75 | 78 | 77 | 69 | 59 | 53 | 45 | 40 | 48 | 63 | 59 | 60 | 59 | 54 | 57 | 48 | 44 | 36 | 42 | 48 | 53 | 53 | 62 | 59 | 48 | 45 | 40 | 49 | 55.1 | |
| | MIN | 43 | 27 | 47 | 55 | 61 | 56 | 46 | 27 | 31 | 26 | 20 | 23 | 52 | 55 | 45 | 27 | 46 | 31 | 21 | 30 | 29 | 30 | 29 | 49 | 40 | 28 | 28 | 27 | 32 | 31 | 36.4 | |
| SUSSEX | MAX | 68 | 52 | 59 | 72 | 68 | 71 | 57 | 55 | 50 | 41 | 39 | 54 | 64 | 60 | 59 | 58 | 52 | 55 | 40 | 47 | 37 | 41 | 42 | 50 | 47 | 51 | 48 | 48 | 35 | 35 | 51.8 | |
| | MIN | 43 | 26 | 26 | 49 | 56 | 56 | 48 | 28 | 29 | 28 | 22 | 21 | 35 | 44 | 38 | 22 | 21 | 20 | 25 | 27 | 26 | 30 | 27 | 30 | 37 | 26 | 25 | 25 | 25 | 29 | 31.5 | |
| TOMS RIVER | MAX | 65 | 59 | 78 | 76 | 82 | 76 | 60 | 55 | 54 | 44 | 49 | 64 | 66 | 62 | 61 | 60 | 61 | 50 | 45 | 45 | 44 | 46 | 55 | 59 | 60 | 60 | 60 | 53 | 38 | 49 | 57.9 | |
| | MIN | 41 | 29 | 50 | 60 | 58 | 51 | 52 | 28 | 27 | 27 | 20 | 25 | 52 | 55 | 50 | 31 | 30 | 35 | 23 | 33 | 30 | 29 | 31 | 48 | 30 | 30 | 29 | 28 | 28 | 29 | 36.3 | |
| TRENTON WB CITY | MAX | 63 | 59 | 76 | 77 | 80 | 69 | 57 | 52 | 43 | 40 | 47 | 64 | 61 | 61 | 58 | 57 | 57 | 45 | 44 | 38 | 42 | 47 | 54 | 56 | 54 | 59 | 51 | 38 | 41 | 48 | 54.6 | |
| | MIN | 43 | 37 | 55 | 61 | 62 | 56 | 42 | 37 | 33 | 32 | 29 | 35 | 54 | 57 | 43 | 38 | 41 | 35 | 30 | 33 | 35 | 34 | 34 | 45 | 40 | 37 | 35 | 28 | 32 | 33 | 40.2 | |
| TUCKERTON | MAX | 70 | 60 | 70 | 70 | 73 | 73 | 68 | 55 | 47 | 45 | 51 | 60 | 64 | 60 | 60 | 56 | 60 | 48 | 43 | 47 | 45 | 50 | 54 | 60 | 57 | 62 | 56 | 50 | 43 | 50 | 56.9 | |
| | MIN | 49 | 32 | 54 | 60 | 60 | 55 | 50 | 32 | 31 | 28 | 20 | 25 | 52 | 54 | 50 | 31 | 48 | 34 | 25 | 34 | 31 | 30 | 27 | 49 | 38 | 33 | 28 | 27 | 29 | 30 | 38.2 | |
| WOODSTOWN | MAX | 68 | 64 | 77 | 79 | 81 | 70 | 62 | 55 | 47 | 45 | 50 | 65 | 64 | 62 | 61 | 57 | 59 | 49 | 41 | 40 | 45 | 48 | 57 | | | | | | | | 58.5 | |
| | MIN | 47 | 36 | 54 | 67 | 61 | 50 | 50 | 31 | 33 | 26 | 20 | 31 | 52 | 55 | 45 | 35 | 47 | 34 | 25 | 36 | 32 | 31 | 29 | 42 | 35 | 28 | 33 | 27 | 30 | 29 | 38.4 | |

EVAPORATION AND WIND

NEW JERSEY
NOVEMBER 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---------------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| CANOE BROOK | EVAP | .12 | .09 | .02 | .03 | .03 | * | * | .20 | .05 | .00 | .03 | * | * | .06 | .01 | .04 | .00 | .08 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | WIND | 40 | 47 | 18 | 28 | 26 | 11 | 28 | 24 | 35 | 68 | 63 | 10 | 11 | 10 | 14 | 22 | 11 | 54 | 91 | 14 | 33 | 95 | 13 | 34 | 121 | 13 | 36 | 98 | 193 | 143 | 1404 | |
| PEMBERTON 3 E | EVAP | .16 | .08 | .09 | .10 | .15 | .07 | .03 | .09 | .08 | .06 | .04 | .04 | .03 | .02 | .02 | .03 | .06 | .09 | .13 | .04 | .03 | .04 | .04 | .06 | .09 | .11 | .08 | - | - | - | - | B2.07 |
| | WIND | 61 | 25 | 55 | 62 | 41 | 19 | 38 | 22 | 99 | 66 | 19 | 23 | 27 | 43 | 19 | 20 | 78 | 89 | 17 | 14 | 59 | 42 | 31 | 92 | 83 | 11 | 17 | 117 | 148 | 78 | 1515 | |
| | MAX | 69 | 61 | 75 | 78 | 80 | 71 | 71 | 60 | 52 | 45 | 47 | 60 | 61 | 65 | 61 | 60 | 53 | 48 | 42 | 42 | 48 | 56 | 57 | 55 | 55 | 54 | - | - | - | - | 58.8 | |
| | MIN | 50 | 35 | 55 | 60 | 63 | 60 | 52 | 35 | 32 | 34 | 34 | 35 | 55 | 55 | 55 | 40 | 53 | 35 | 33 | 36 | 34 | 32 | 34 | 48 | 35 | 36 | 35 | - | - | - | 43.0 | |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 56 | 55 | 60 | 63 | 65 | 63 | 60 | 54 | 47 | 46 | 47 | 50 | 53 | 56 | 55 | 51 | 53 | 48 | 46 | 43 | 43 | 45 | 46 | 49 | 45 | 46 | 44 | 41 | 38 | 40 | 50.2 | |
| | MIN | 51 | 47 | 53 | 56 | 60 | 59 | 54 | 47 | 45 | 42 | 41 | 42 | 50 | 53 | 49 | 46 | 48 | 43 | 41 | 42 | 40 | 39 | 41 | 44 | 42 | 40 | 40 | 37 | 35 | 35 | 45.4 | |
| 2 INCHES | MAX | 56 | 53 | 59 | 62 | 64 | 62 | 59 | 54 | 47 | 46 | 46 | 50 | 53 | 55 | 55 | 51 | 53 | 48 | 45 | 43 | 43 | 45 | 46 | 48 | 45 | 46 | 44 | 41 | 38 | 40 | 49.9 | |
| | MIN | 51 | 47 | 53 | 56 | 59 | 59 | 54 | 47 | 45 | 42 | 41 | 42 | 50 | 53 | 49 | 46 | 48 | 44 | 42 | 42 | 40 | 39 | 41 | 44 | 42 | 40 | 40 | 37 | 35 | 35 | 45.5 | |
| 4 INCHES | MAX | 56 | 54 | 57 | 59 | 61 | 61 | 60 | 54 | 50 | 49 | 47 | 48 | 52 | 55 | 54 | 51 | 53 | 51 | 47 | 45 | 44 | 44 | 46 | 45 | 47 | 46 | 45 | 45 | 44 | 40 | 41 | 50.2 |
| | MIN | 53 | 50 | 53 | 56 | 59 | 59 | 54 | 50 | 49 | 46 | 44 | 44 | 50 | 53 | 51 | 48 | 51 | 47 | 45 | 44 | 43 | 42 | 44 | 46 | 44 | 43 | 42 | 40 | 38 | 38 | 47.6 | |
| 8 INCHES | MAX | 56 | 55 | 56 | 59 | 60 | 61 | 60 | 55 | 53 | 51 | 49 | 49 | 52 | 54 | 54 | 53 | 52 | 52 | 49 | 47 | 46 | 47 | 46 | 47 | 47 | 46 | 45 | 45 | 42 | 42 | 51.0 | |
| | MIN | 55 | 53 | 54 | 56 | 59 | 60 | 55 | 53 | 51 | 49 | 47 | 47 | 50 | 53 | 53 | 50 | 52 | 49 | 47 | 46 | 45 | 44 | 45 | 46 | 46 | 45 | 44 | 42 | 41 | 40 | 49.3 | |
| 16 INCHES | MAX | 57 | 57 | 56 | 57 | 59 | 60 | 60 | 57 | 56 | 55 | 53 | 52 | 52 | 54 | 54 | 53 | 53 | 52 | 51 | 49 | 50 | 48 | 49 | 48 | 49 | 48 | 47 | 47 | 46 | 45 | 52.9 | |
| | MIN | 57 | 55 | 55 | 56 | 58 | 59 | 57 | 56 | 55 | 53 | 52 | 50 | 51 | 53 | 54 | 53 | 53 | 52 | 51 | 49 | 48 | 48 | 48 | 48 | 48 | 47 | 47 | 46 | 45 | 44 | 51.6 | |
| 32 INCHES | MAX | 58 | 58 | 58 | 58 | 58 | 59 | 59 | 58 | 58 | 58 | 57 | 56 | 55 | 55 | 55 | 55 | 55 | 55 | 54 | 54 | 53 | 54 | 52 | 51 | 51 | 51 | 50 | 50 | 50 | 49 | 54.9 | |
| | MIN | 58 | 58 | 57 | 57 | 58 | 58 | 58 | 58 | 57 | 56 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 54 | 54 | 53 | 52 | 52 | 51 | 51 | 51 | 50 | 50 | 50 | 49 | 49 | 54.3 | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX | 57 | 55 | 65 | 69 | 71 | 65 | 59 | 54 | 44 | 43 | 46 | 53 | 56 | 58 | 58 | 52 | 55 | 45 | 42 | 37 | 36 | 45 | 47 | 51 | 45 | 48 | 45 | 34 | 36 | 39 | 50.4 | |
| | MIN | 43 | 38 | 50 | 55 | 60 | 57 | 54 | 44 | 35 | 33 | 32 | 34 | 50 | 53 | 44 | 39 | 41 | 35 | 32 | 36 | 33 | 32 | 35 | 39 | 36 | 32 | 34 | 31 | 30 | 30 | 39.9 | |
| 2 INCHES | MAX | 56 | 55 | 64 | 68 | 71 | 65 | 58 | 54 | 44 | 43 | 46 | 53 | 55 | 57 | 58 | 52 | 55 | 45 | 42 | 37 | 36 | 45 | 47 | 50 | 45 | 48 | 45 | 34 | 36 | 39 | 50.1 | |
| | MIN | 43 | 39 | 50 | 55 | 60 | 57 | 54 | 44 | 35 | 33 | 32 | 34 | 50 | 53 | 45 | 39 | 42 | 35 | 32 | 36 | 33 | 32 | 35 | 40 | 36 | 33 | 34 | 31 | 30 | 30 | 40.1 | |
| 4 INCHES | MAX | 56 | 53 | 62 | 66 | 69 | 64 | 58 | 53 | 45 | 43 | 45 | 50 | 54 | 57 | 51 | 54 | 46 | 42 | 38 | 37 | 44 | 45 | 49 | 44 | 47 | 43 | 37 | 37 | 38 | 49.5 | | |
| | MIN | 47 | 41 | 51 | 55 | 60 | 58 | 53 | 45 | 38 | 35 | 34 | 36 | 49 | 52 | 47 | 41 | 44 | 38 | 34 | 37 | 35 | 34 | 36 | 41 | 37 | 34 | 36 | 32 | 31 | 31 | 41.4 | |
| 8 INCHES | MAX | 55 | 52 | 58 | 62 | 64 | 62 | 60 | 52 | 48 | 44 | 44 | 48 | 52 | 55 | 54 | 51 | 53 | 49 | 43 | 45 | 40 | 43 | 44 | 47 | 44 | 44 | 43 | 41 | 37 | 38 | 49.1 | |
| | MIN | 51 | 47 | 51 | 56 | 60 | 60 | 52 | 48 | 44 | 41 | 39 | 40 | 49 | 53 | 51 | 46 | 49 | 43 | 40 | 40 | 38 | 38 | 39 | 44 | 41 | 39 | 39 | 36 | 35 | 35 | 44.8 | |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Elektronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

See Reference Notes Following Station

SNOWFALL AND SNOW ON GROUND

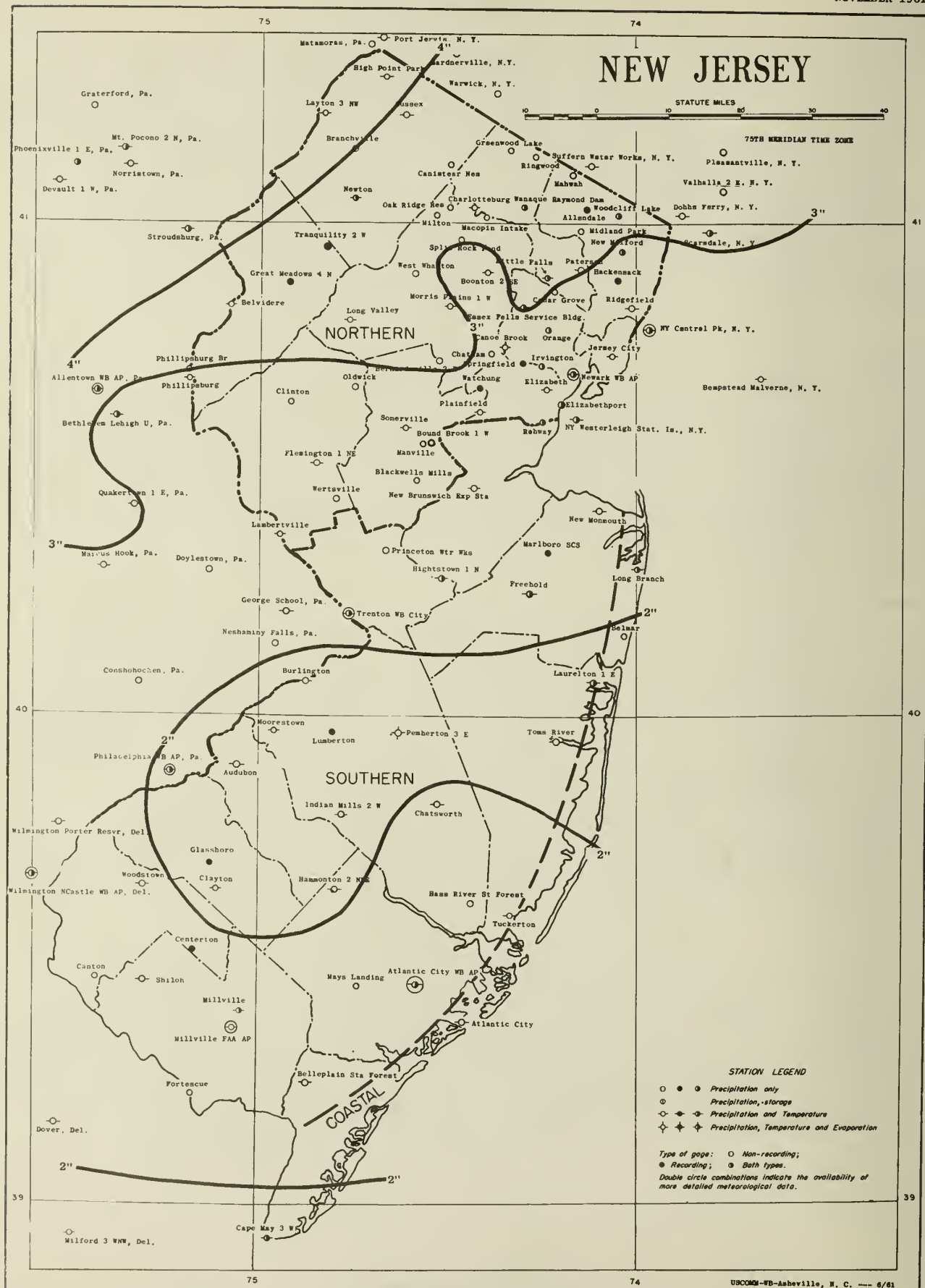
NEW JERSEY
NOVEMBER 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|------------------------------------|--------------|---|---|---|---|---|---|---|---|---------|----|----|----|----|----|----|----|----|----|----------|----------|----|----|----|----|----|----|----|----|--------|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| BELVIOERE | SNOWFALL SN ON GND | | | | | | | | | T | .1 | | | | | | | | | | 1.5 1 | | | | | | | | | | | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | | | | | | | | | | .3 T | | | | | | | | | | 2.0 2 | 2.0 4 | T | | | | | | | | T T | |
| CLAYTON | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | 1.5 T | | | | | | | | | | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | | | | | | | | | T | .5 | | | | | | | | | | 1.5 1 | | | | | | | | | | | |
| FREEHOLD | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | | | | | | | | | T | T | | | | | | | | | | T | | | | | | | | | | | |
| LAMBERTVILLE | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | 2.0 T | | | | | | | | | | | |
| LAYTON 3 NW | SNOWFALL SN ON GND | | | | | | | | | T | T | | | | | | | | | | 3.2 2 | T | | | | | | | | | .7 | |
| LITTLE FALLS | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | 4.0 4 | 2 | 1 | T | | | | | | | | |
| LONG BRANCH | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | 3.0 - | - | | | | | | | | | | |
| MILLVILLE | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | - | | | | | | | | | | | |
| MILLVILLE FAA AIRPORT | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | T | | | | | | | | | | | |
| MOORESTOWN | SNOWFALL SN ON GND | | | | | | | | | | T | | | | | | | | | | 2.0 1 | | | | | | | | | | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | | | | | | | | | | .3 | | | | | | | | | | 3.5 | 1.5 | | | | | | | | | T | |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | | | | T | | | | | | | | | | | .8 1 | | | | | | | T | T | | | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | | | | | | | | | |
| NEWTON | SNOWFALL SN ON GND | | | | | | | | | | T | | | | | | | | | | 2.5 3 | 2.0 2 | | | | | | | | | T | |
| PATERSON | SNOWFALL SN ON GND | | | | | | | | | | T | | | | | | | | | | .8 1 | 1.6 T | | | | | | | | | | T |
| PHILLIPSBURG | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | 1.0 T | | | | | | | | | | | |
| PLAINFIELD | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | 2.0 | | | | | | | | | | | |
| RAHWAY | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | T T | | | | | | | | | | | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | | | | | | | T | | | | | | | | | | - | | | | | | | | | | | |
| TRENTON WB CITY | SNOWFALL SN ON GND | | | | | | | | | T | | | | | | | | | | | .8 1 | | | | | | | | | | | |
| WANAQUE RAYMONO OAM | SNOWFALL SN ON GND | | | | | | | | | | | | | | | | | | | | 3.0 3 | T 1 | T | | | | | | | | | |

See reference notes following Station Index.

TOTAL PRECIPITATION

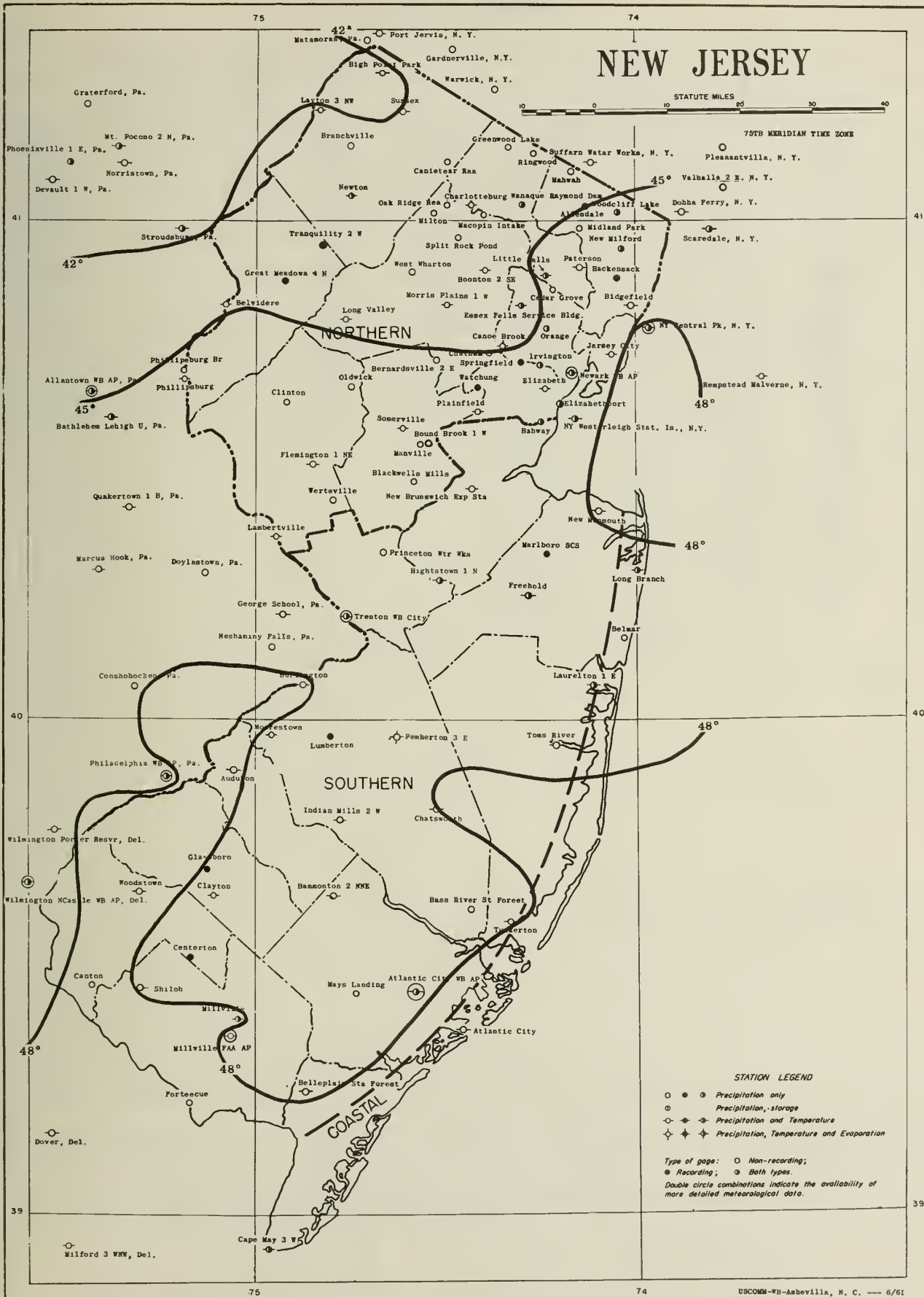
NEW JERSEY
NOVEMBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
NOVEMBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
NOVEMBER 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER |
|-----------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|--------|---------|--------------------------|
| | | | | | | | TEMP. | PRECIP. | ET/AP. | SPECIAL | |
| ALLENDALE | 0100 | BERGEN | 6 | 41 02 | 74 08 | 270 | MID | MID | C | | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WP AB | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 56 | MID | MID | C | | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0325 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | J | | STATE MARINA |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | IIP | IIP | H | | IRVIN J. NYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | | | | N.J. FORESTRY SERVICE |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | SP | SP | | | BELLEPLAIN STATE FOREST |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | 8A | | | | BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | SP | SP | | | CLEMENT HAUPIT |
| BERNARDSVILLE 2 E | 0797 | SOMERSET | 6 | 40 43 | 74 32 | 240 | 7A | | | | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SOMERSET | 10 | 40 29 | 74 35 | 27 | 7A | | | | HENRY M. MILLER |
| BOONTON 2 SE | 0907 | MORRIS | 6 | 40 54 | 74 24 | 280 | 8A | 8A | | | JERSEY CITY WATER WORKS |
| BOUNT BROOK 1 W | 0927 | SOMERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | ALBERT W. DAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | 6P | | | PUBLIC SVC. E. + G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 6 | 41 07 | 74 30 | 1040 | 8A | | | | NEWARK WATER DEPARTMENT |
| CANOE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | 9A | | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | SP | SP | | | N.WEST MAGNESITE CO. |
| CEDAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 6A | | | | J. A. PLUNKETT |
| CENTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | JOHN HOPKINS UNI. |
| CHARLOTTEBURG | 1582 | PASSAIC | 6 | 41 03 | 74 26 | 760 | 7A | 7A | | | NEWARK WATER DEPT. |
| CHATHAM | 1590 | MORRIS | 6 | 40 44 | 74 23 | 185 | 8A | | | | EDWARD P. MOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | SP | SP | | | EARL M. KEECHNER |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | L. W. KLOCKNER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | SP | SP | | | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 6 | 40 38 | 74 12 | 10 | MID | | | | SEWAGE TREATMENT PLANT |
| ESSEX FELS SERV BLDG | 2768 | ESSEX | 6 | 40 50 | 74 18 | 250 | 8A | 8A | | | BOROUGH ESSEX FELS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | SP | SP | | | DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | JOHN LOPER |
| FREEHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | | | | | GLASSBORO STATE COLLEGE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 6 | 41 09 | 74 20 | 660 | 7A | | | | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 6 | 40 53 | 74 03 | 10 | | | | | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | N. J. DEPT. OF CONS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | H. EDWARD ENTWISTLE |
| IRVINGTON | 4260 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | JOINT MEETING GARAGE |
| JERSEY CITY | 4339 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | E. E. CASE |
| LAURELTON 1 E | 4700 | DECAT | 1 | 40 04 | 74 07 | 20 | MID | MID | | | GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | A. M. DEPU |
| LITTLE FALLS | 4887 | PASSAIC | 6 | 40 53 | 74 14 | 150 | 9A | 9A | | | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 74 00 | 20 | MID | MID | | | WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | JAMES LAWTON |
| MAGDOIN INTAKE | 5071 | PASSAIC | 6 | 41 01 | 74 24 | 584 | 9A | | | | NEWARK WATER DEPT. |
| MAHWAH | 5104 | BERGEN | 6 | 41 06 | 74 10 | 253 | 7A | | | | ROBERT G. GLASGOW |
| MANVILLE | 5197 | SOMERSET | 10 | 40 33 | 74 34 | 50 | 8A | | | | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | GERON BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 10 | 9A | | | | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | BERGEN | 6 | 40 59 | 74 09 | 210 | MID | | | | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | L. J. GALLAHER |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 27 | 75 04 | 70 | MID | MID | | | FED. AVIATION AGENCY |
| MILTON | 5597 | MORRIS | 6 | 41 01 | 74 32 | 950 | 7A | | | | JERSEY CITY WATER WORKS |
| MOORESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | | M. J. WILLARD |
| MORRIS PLAINS | 5759 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | M. JAMES C. LONG |
| NEWARK WB AIRPORT | 6024 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | SP | SP | | | ARTHUR W. AHLQUIST |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | MID | | | | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | ST. MARYS SCHOOL |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | NEWTON WTR. + SWR. COMM. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 6 | 41 02 | 74 30 | 670 | 6A | | | | NEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | | P. J. DEL VECCHIO |
| PHILLIPSBURG 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | SP | SP | | | PHILIP L. MARUCCI |
| PHILLIPSBURG | 6974 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | | MRS. VIVIAN SCHERER |
| PLAINFIELD | 7338 | MERCER | 10 | 40 20 | 74 40 | 60 | MID | | | | PRINCETON WATER CO. |
| PRINCETON WATER WORKS | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | | RAHWAY VLY. SWG. AUTH. |
| RAHWAY | 7587 | PASSAIC | 6 | 41 08 | 74 16 | 305 | 10A | | | | RD. JERSEY WTR. SUPPLY |
| RINGWOOD | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | SP | SP | | | EVERETT DICKINSON |
| SHILOH | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | M. E. HAVER |
| SOMERVILLE | 8402 | MORRIS | 6 | 40 58 | 74 28 | 800 | 10A | | | | JERSEY CITY D. P. W. |
| SPLIT ROCK POND | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | N. J. DEPT. OF CONS. |
| SPRINGFIELD | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | BRICE B. STANTON |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | MID | MID | | | M. J. ERVEY |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 58 | MID | MID | | | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | WATER T. GANDEK |
| WANAQUE RAYMOND DAM | 9187 | PASSAIC | 6 | 41 03 | 74 18 | 320 | 8A | | | | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 140 | 7A | | | | ROBERT M. HANNERS |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 680 | 7A | | | | N. J. POWER + LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 | 39 35 | 75 15 | 50 | SP | SP | | | CREAM VALLEY DAIRY |

‡ 1-DECATAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULLICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 1/3/62 --- 850

7.05
VNS

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

DECEMBER 1961
Volume 66 No. 12



ASHEVILLE: 1962

TE
FEB 23 1962

NEW JERSEY - DECEMBER 1961

TEMPERATURE AND PRECIPITATION EXTREMES

Highest Temperature: 60° on the 6+ at 9 stations

Lowest Temperature: -9° on the 31st at Layton 3 NW

Greatest Total Precipitation: 5.02 inches at Orange

Least Total Precipitation: 2.10 inches at High Point Park

Greatest One-Day Precipitation: 1.80 inches on the 19th at Essex
Fells Service Bldg.

Greatest Reported Total Snowfall: 17.0 inches at Long Valley

Greatest Reported Depth of Snow on Ground: 12 inches on the 25th at
Canoe Brook and on the
24th at Plainfield

SPECIAL WEATHER SUMMARY

December reversed the warm, dry trend that began in the summer and made notable the fall of 1961. For the State as a whole, it was the first month since June 1961 with monthly average temperatures below normal and monthly precipitation totals above normal. The outstanding weather event of the month was the wind-storm on the 5th. This brought gusts near or exceeding gale force over most

of the State. Considerable damage to utility lines, signs and windows resulted, and one child was killed, another injured.

James K. McGuire
Area Climatologist, Northeast
Weather Bureau Office
30 Rockefeller Plaza
New York 20, New York

CLIMATOLOGICAL DATA

NEW JERSEY
DECEMBER 1961

| Station | | Temperature | | | | | | | | | | | Precipitation | | | | | | | | | | | |
|-----------------------|--|-----------------|-----------------|---------|--------------------------------|---------|------|--------|------|-------------|--------------|--------------|---------------|-------------|--------|--------------------------------|--------------|------|-------------|----------------------|------|-------------|-------------|--------------|
| | | Average Maximum | Average Minimum | Average | Departure From Long Term Means | Highest | Date | Lowest | Date | Degree Days | No. of Days | | | | Total | Departure From Long Term Means | Greatest Day | Date | Snow, Sleet | | | No. of Days | | |
| | | | | | | | | | | | Max. Min. | | | | | | | | Total | Max. Depth on Ground | Date | 1.0 or More | .50 or More | 1.00 or More |
| | | | | | | | | | | | 90° or Above | 32° or Below | 32° or Below | 0° or Below | | | | | | | | | | |
| NORTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| BELVIDERE | | 38.6 | 22.1 | 30.4 | - 1.6 | 52 | 5+ | 1 | 30 | 1066 | 0 | 6 | 26 | 0 | 3.16 | - .48 | 1.02 | 18 | 9.8 | 6 | 24 | 8 | 2 | 1 |
| BOONTON 2 SE | | 38.6 | 23.1 | 30.9 | - .7 | 53 | 6+ | 6 | 16 | 1052 | 0 | 6 | 29 | 0 | 3.29 | .05 | .60 | 19 | | | | 10 | 2 | 0 |
| CANOE BROOK | | 39.6 | 20.0 | 29.8 | - 1.5 | 56 | 6 | 1 | 30 | 1084 | 0 | 5 | 30 | 0 | 3.69 | .17 | .92 | 18 | 16.0 | 12 | 25 | 10 | 2 | 0 |
| CHARLOTTEBURG | | 37.8 | 21.7 | 29.8 | - 1.3 | 52 | 6 | 6 | 17+ | 1083 | 0 | 8 | 29 | 0 | 3.12 | .83 | .75 | 19 | 12.5 | 8 | 25 | 12 | 1 | 0 |
| ELIZABETH | | 42.0 | 22.9 | 32.5 | - 2.3 | 58 | 5 | 9 | 31+ | 1002 | 0 | 2 | 30 | 0 | 2.74 | - .68 | .59 | 28 | 11.7 | 9 | 25 | 8 | 1 | 0 |
| ESSEX FELS SERV BLDG | | 38.8M | 21.8M | 30.3M | | 54 | 6+ | 1 | 30 | 1058 | 0 | 4 | 27 | 0 | D 4.54 | | 1.80 | 19 | | | | 8 | 2 | 1 |
| FLEMINGTON 1 NE | | 40.2 | 22.5 | 31.4 | - 2.1 | 58 | 5 | 1 | 30 | 1037 | 0 | 6 | 26 | 1 | 4.05 | .70 | 1.02 | 18 | 15.5 | 11 | 25 | 9 | 2 | 1 |
| HIGH POINT PARK | | 36.9M | 18.4 | 27.7M | | 50 | 6 | 2 | 16 | 1148 | 0 | 11 | 30 | 2 | 2.10 | | | | 14.0 | | | | 0 | 0 |
| JERSEY CITY | | 38.2 | 28.2 | 33.2 | - .4 | 54 | 5 | 11 | 16 | 976 | 0 | 7 | 20 | 0 | 3.20 | .02 | 1.39 | 18 | | | | 6 | 2 | 1 |
| LAMBERTVILLE | | 40.4 | 24.8 | 32.6 | - 1.1 | 58 | 5 | 5 | 30 | 995 | 0 | 3 | 27 | 0 | 3.26 | .11 | 1.01 | 18 | 11.0 | 7 | 25 | 6 | 3 | 1 |
| LAYTON 3 NW | | 37.5 | 19.4 | 28.5 | - .3 | 54 | 5 | 9 | 31 | 1125 | 0 | 5 | 27 | 4 | 3.42 | .68 | .97 | 28 | 12.2 | | | 7 | 2 | 0 |
| LITTLE FALLS | | 41.6 | 24.9 | 33.3 | - .3 | 60 | 6 | 9 | 16 | 976 | 0 | 4 | 27 | 0 | 3.66 | - .12 | .73 | 18 | 9.1 | 7 | 25 | 11 | 2 | 0 |
| LONG VALLEY | | 38.3 | 20.4 | 29.4 | | 53 | 5 | 3 | 30 | 1098 | 0 | 6 | 28 | 1 | D 2.61 | - .95 | .80 | 24 | 17.0 | | | 7 | 2 | 0 |
| MORRIS PLAINS | | 39.3 | 21.4 | 30.4 | | 53 | 6+ | 2 | 30 | 1067 | 0 | 6 | 27 | 0 | 3.65 | | .66 | 19 | 15.8 | | | 11 | 2 | 0 |
| NEWARK WB AIRPORT | | R 39.9 | 27.6 | 33.8 | - .2 | 56 | 5 | 13 | 16 | 960 | 0 | 6 | 23 | 0 | 3.65 | .55 | 1.03 | 18 | 13.2 | 8 | 25 | 9 | 3 | 1 |
| NEWTON | | 37.4 | 20.8 | 29.1 | - .8 | 52 | 6+ | 0 | 31+ | 1107 | 0 | 10 | 28 | 2 | 2.95 | - .18 | .53 | 19 | | 6 | 31+ | 12 | 1 | 0 |
| PATERSON | | 41.2M | 26.6 | 33.9M | - .2 | 55 | 5 | 12 | 16 | 952 | 0 | 4 | 25 | 0 | D 3.68 | .00 | .91 | 19 | 10.4 | 7 | 27+ | 8 | 3 | 0 |
| PHILLIPSBURG | | 41.1 | 25.3 | 33.2 | - .7 | 56 | 5 | 9 | 31+ | 979 | 0 | 4 | 26 | 0 | 3.92 | .35 | 1.49 | 18 | 8.0 | 7 | 25 | 9 | 2 | 1 |
| PLAINFIELD | | 40.6 | 25.6 | 33.1 | - 1.0 | 57 | 5 | 9 | 30 | 983 | 0 | 4 | 26 | 0 | 3.96 | .53 | .82 | 18 | 14.5 | 12 | 24 | 8 | 4 | 0 |
| SOMERVILLE | | 39.4 | 23.4 | 31.4 | - 1.8 | 57 | 5 | 2 | 30 | 1036 | 0 | 6 | 26 | 0 | 3.08 | - .15 | 1.00 | 18 | 10.0 | | | 7 | 2 | 1 |
| SUSSEX | | 38.3 | 19.3 | 28.8 | - 1.8 | 56 | 6 | 2 | 29 | 1115 | 0 | 5 | 30 | 1 | 2.80 | - .62 | .68 | 19 | | | | 13 | 1 | 0 |
| DIVISION | | | | 31.1 | - 1.4 | | | | | | | | | | 3.36 | - .11 | | | 12.5 | | | | | |
| SOUTHERN | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AP | | 43.5 | 26.6 | 35.1 | - 1.6 | 60 | 5 | 11 | 31 | 920 | 0 | 2 | 25 | 0 | 3.38 | .30 | .94 | 12 | 1.0 | 7 | 27+ | 8 | 3 | 0 |
| AUDUBON | | 41.9 | 27.1 | 34.5 | | 58 | 5 | 12 | 30 | 937 | 0 | 3 | 25 | 0 | 3.51 | .99 | .18 | 18 | 6.5 | 3 | 23 | 9 | 3 | 0 |
| BELLEPLAIN STA FOREST | | 44.4 | 25.0 | 34.7 | | 59 | 5 | 4 | 31 | 933 | 0 | 2 | 24 | 0 | 2.85 | - .68 | .76 | 12 | | | | 5 | 3 | 0 |
| BURLINGTON | | 42.3 | 27.6 | 35.0 | - 1.0 | 59 | 5 | 12 | 31 | 924 | 0 | 3 | 22 | 0 | 3.69 | .75 | 1.04 | 18 | | | | | | |
| CHATSWORTH | | 42.9 | 23.9M | 33.4M | | 60 | 5 | 8 | 30 | 970 | 0 | 3 | 25 | 0 | 3.04 | | 1.40 | 17 | | | | 5 | 2 | 1 |
| FREEHOLD | | 41.6 | 25.9 | 33.8 | - .9 | 59 | 5 | 9 | 16 | 960 | 0 | 3 | 26 | 0 | D 3.92 | .54 | 1.03 | 18 | 7.8 | 6 | 26+ | 8 | 3 | 1 |
| HAMMONTON 2 NNE | | 42.1 | 25.1 | 33.6 | - 2.5 | 58 | 6 | 10 | 16 | 967 | 0 | 3 | 26 | 0 | 3.17 | .05 | .84 | 18 | | | | 5 | 3 | 0 |
| HIGHTSTOWN 1 N | | 40.1 | 25.5 | 32.8 | - 1.5 | 58 | 5 | 10 | 30+ | 989 | 0 | 4 | 27 | 0 | 3.67 | .75 | 1.05 | 18 | 9.0 | 7 | 25 | 7 | 3 | 1 |
| INDIAN MILLS 2 W | | 41.1 | 23.6 | 32.4 | - 2.6 | 60 | 5 | 5 | 31 | 1006 | 0 | 2 | 26 | 0 | 3.54 | .42 | .88 | 18 | 6.2 | | | 7 | 4 | 0 |
| MILLVILLE | | 43.3 | 26.7M | 35.0M | | 60 | 6 | 12 | 31 | 928 | 0 | 2 | 25 | 0 | 2.58 | | .67 | 18 | | | | 7 | 1 | 0 |
| MILLVILLE FAA AIRPORT | | 42.0 | 25.1 | 33.6 | | 58 | 5 | 9 | 31 | 967 | 0 | 3 | 26 | 0 | 3.12 | | .78 | 12 | 1.0 | 7 | 25 | 8 | 3 | 0 |
| MOORESTOWN | | 41.0 | 25.0 | 33.0 | - 1.8 | 58 | 5 | 11 | 16 | 988 | 0 | 3 | 26 | 0 | 3.54 | .79 | .86 | 18 | 6.5 | 3 | 25 | | | |
| NEW BRUNSWICK EXP STA | | 40.4 | 25.0 | 32.7 | - 1.5 | 58 | 5 | 9 | 30+ | 993 | 0 | 4 | 26 | 0 | 3.77 | .71 | .87 | 18 | 9.5 | 8 | 24 | 10 | 3 | 0 |
| NEW MONMOUTH | | 41.7 | 27.2 | 34.5 | | 59 | 5 | 12 | 30 | 940 | 0 | 2 | 23 | 0 | 3.48 | | .83 | 18 | 8.3 | 7 | 25 | 9 | 3 | 0 |
| PEMBERTON 3 E | | 41.9 | 23.5 | 32.7 | - 3.0 | 60 | 5 | 6 | 30 | 994 | 0 | 3 | 26 | 0 | 4.27 | 1.36 | 1.06 | 18 | 7.0 | 4 | 25 | 7 | 4 | 2 |
| SHILOH | | 42.9 | 27.8 | 35.4 | - .7 | 59 | 5 | 13 | 15 | 911 | 0 | 3 | 23 | 0 | 3.59 | .47 | .82 | 23 | | | | 7 | 4 | 0 |
| TOMS RIVER | | 43.9 | 25.9 | 34.9 | | 60 | 5 | 8 | 31+ | 926 | 0 | 2 | 25 | 0 | 4.38 | | 1.15 | 18 | | | | | | |
| TRENTON WB CITY | | R 40.1 | 27.7 | 33.9 | - 1.1 | 59 | 5 | 14 | 16 | 957 | 0 | 4 | 23 | 0 | 3.39 | .61 | .94 | 18 | 7.9 | 4 | 25 | 9 | 3 | 0 |
| TUCKERTON | | 44.0 | 26.2 | 35.1 | | 60 | 5 | 8 | 31 | 920 | 0 | 2 | 25 | 0 | 4.07 | | .96 | 12 | | | | 7 | 4 | 0 |
| WOODSTOWN | | 40.6M | 25.4 | 33.0M | | 59 | 5 | 12 | 31+ | 986 | 0 | 3 | 26 | 0 | 3.16 | | .85 | 18 | | | | 6 | 3 | 0 |
| DIVISION | | | | 34.0 | - 1.2 | | | | | | | | | | 3.51 | .35 | | | 6.4 | | | | | |
| COASTAL | | | | | | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY | | R 44.8 | 33.2 | 39.0 | .8 | 57 | 5 | 23 | 16 | 798 | 0 | 0 | 15 | 0 | 3.25 | - .06 | .87 | 12 | | | | 7 | 2 | 0 |
| CAPE MAY 3 W | | R 44.9M | 33.1M | 39.0M | | 58 | 5 | 15 | 16 | 795 | 0 | 1 | 14 | 0 | 4.12 | | 1.10 | 18 | | | | 5 | 4 | 2 |
| LONG BRANCH | | R 41.8 | 27.8 | 34.8 | - .4 | 60 | 5 | 13 | 30 | 926 | 0 | 4 | 24 | 0 | 3.92 | .38 | 1.30 | 18 | 8.0 | 6 | 25+ | 8 | 3 | 1 |
| DIVISION | | | | 37.6 | .7 | | | | | | | | | | 3.76 | .55 | | | 8.0 | | | | | |

SUPPLEMENTAL DATA

| Station | Wind direction | | Wind speed m. p. h. | | | | Relative humidity averages percent | | | | Number of days with precipitation | | | | | | | Percent of possible sunshine | Average sky cover sunrise to sunset |
|--------------------------|----------------|---------------------------------------|------------------------|-----------------|---------------------------------|-------------------------|---------------------------------------|---------------|---------------|---------------|-----------------------------------|-------|-------|-------|---------|--------------------|-------|------------------------------------|---|
| | Prevailing | Percent of time from prevailing | Average | Fastest mile | Direction of fastest mile | Date of fastest mile | 1:00 a EST | 7:00 a EST | 1:00 p EST | 7:00 p EST | Trace | 01-09 | 10-49 | 50-99 | 100-199 | 200 and over | Total | | |
| | | | | | | | | | | | | | | | | | | | |
| ATLANTIC CITY WB AIRPORT | WNW | 23 | 12.8 | 43++ | ENE | 23 | 80 | 81 | 60 | 71 | 2 | 4 | 5 | 3 | 0 | 0 | 14 | 48 | 6.2 |
| ATLANTIC CITY | - | - | 12.1 | 32++ | NW | 5 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LONG BRANCH | NW | 15 | 12.4 | 62 | W | 5 | - | 78 | 58 | 63 | 3 | 2 | 5 | 2 | 1 | 0 | 13 | 56 | 5.3 |
| NEWARK WB AIRPORT | WNW | 15 | 10.7 | 39++ | WNW | 5 | 70 | 72 | 57 | 61 | 5 | 1 | 6 | 2 | 1 | 0 | 15 | - | 5.8 |
| TRENTON WB CITY | W | - | 9.2 | 43 | NW | 5 | - | - | - | - | 3 | 4 | 6 | 3 | 0 | 0 | 16 | 59 | 5.9 |
| & 12:00 Noon | | | | | | | | | | | | | | | | | | | |

See Reference Notes Following Station Index

DAILY PRECIPITATION

NEW JERSEY
DECEMBER 1961

| Station | Total | Day of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------|-------|--------------|---|---|---|-----|-----|---|---|-----|-----|-----|------|-----|-----|----|----|-----|------|------|------|------|-----|-----|------|------|-----|----|-----|------|-----|-----|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY WB AP | 3.38 | | T | | | .02 | | | | | .15 | .25 | .02 | .94 | T | | | .11 | .59 | .73 | .03 | | | | .38 | .04 | | | | | .12 | | |
| ATLANTIC CITY | 3.25 | | | | | .01 | | | | | .01 | .41 | .87 | | | | | .13 | .41 | .75 | .03 | | | | .44 | .04 | | | | | .15 | | |
| AUDUBON | 3.51 | | T | | | .10 | | | | | .10 | .27 | | | | | | T | .56 | .99 | .06 | | | | .35 | .25 | | | | | .15 | | |
| BASS RIVER ST FOREST | 3.87 | | | | | | | | | | | .32 | | | | | | | | | | 1.52 | .14 | | | | | | .75 | | | .19 | |
| BELLEPLAIN STA FOREST | 2.85 | | | | | | | | | | | .41 | .76 | .02 | | | | | .63 | .72 | .02 | | | | | .20 | .09 | | | | | | |
| BELVIOERE | 3.16 | | | | | .12 | | | | | | .41 | T | .37 | T | | | | .12 | 1.02 | .17 | | T | | .57 | T | | | | .38 | | | |
| BERNARDSVILLE 2 E | 2.78 | | | | | .01 | .03 | | | | | .27 | .05 | .24 | .15 | | | | .21 | .49 | .09 | .20 | | | .69 | .23 | | | | .02 | .10 | | |
| BLACKWELLS MILLS | 3.27 | | | | | .02 | | | | | | .34 | .31 | .17 | | | | | .25 | .46 | .56 | .12 | | | .61 | .32 | | | | .11 | | | |
| BOONTON 2 SE | 3.29 | | | | | T | T | | | | | .24 | .06 | .18 | .22 | | | | .16 | .58 | .60 | .29 | | | .45 | .29 | | | | .07 | .15 | | |
| BOUND BROOK 1 W | 3.80 | | | | | .05 | .02 | | | | | .26 | .05 | .26 | .13 | | | | .22 | .61 | .48 | 1.03 | | | .45 | .12 | | | | .05 | .07 | | |
| BRANCHVILLE | 3.21 | | | | | .02 | T | | | | | .24 | .10 | .14 | .16 | | | | .12 | T | .97 | .32 | | | .36 | .34 | | | | .18 | .26 | | |
| BURLINGTON | 3.69 | | | | | .08 | | | | | | .40 | .72 | | | | | | .70 | 1.04 | .04 | .02 | | | .58 | | | | | .11 | | | |
| CANISTEAR RESERVOIR | 2.66 | | | | | T | T | | | | | .24 | .10 | .27 | .08 | | | | .18 | .25 | .63 | .31 | | | .22 | .18 | | | | .14 | .06 | | |
| CANOE BROOK | 3.69 | | | | | | | | | | | .28 | .05 | .24 | .27 | | | | .02 | .92 | .57 | .20 | | | .45 | .35 | | | | .15 | .19 | | |
| CANTON | 3.17 | | | | | | | | | | | .31 | .02 | .69 | | | | | .55 | .72 | .03 | | | | .15 | | | | | .70 | | | |
| CAPE MAY 3 W | 4.12 | | | | | | | | | | | .52 | 1.09 | .05 | | | | | .79 | 1.10 | | | | .01 | .47 | .01 | | | | .08 | | | |
| CEDAR GROVE | 3.58 | | | | | | | | | | | .18 | .04 | .25 | .30 | | | | .20 | .37 | .93 | .26 | | | .48 | .12 | | | | .20 | .25 | | |
| CHARLOTTEBURG | 3.12 | | | | | .01 | .02 | | | | | .21 | .13 | .19 | .27 | | | | .21 | .37 | .75 | .25 | | | .24 | .22 | | | | .15 | .10 | | |
| CHATHAM | 3.29 | | | | | T | | | | | | .30 | .25 | .26 | | | | | .23 | .62 | .48 | .22 | | | .32 | .34 | | | | .17 | .10 | | |
| CHATSWORTH | 3.04 | | | | | | | | | | | .21 | .80 | | | | | | 1.40 | .14 | .09 | | | | .40 | | | | | | | | |
| CLINTON | 3.52 | | | | | .08 | | | | | | .38 | .38 | .02 | | | | | .20 | 1.27 | .17 | .17 | | | .55 | .22 | | | | .25 | | | |
| ELIZABETH | 2.74 | | | | | | | | | | | .32 | .02 | .46 | .01 | | | | .13 | .12 | .07 | .16 | | | .46 | .40 | | | | .59 | | | |
| ELIZABETHPORT | 3.41 | | | | | | | | | .10 | | .24 | .46 | | | | | .01 | .21 | 1.07 | .24 | .26 | | | .54 | .26 | | | | .28 | | | |
| ESSEX FELS SERV BLOC | 04.54 | | | | | | .03 | | | | | .45 | .30 | .30 | | | | | .43 | 1.80 | .23 | | | | D.40 | D.60 | | | | | | | |
| FLEMINGTON 1 NE | 4.05 | | | | | .09 | | | | | | .49 | T | .47 | .10 | | | | .30 | 1.02 | .04 | .24 | T | T | .90 | .19 | | | | .21 | | | |
| FORTESCUE | 3.01 | | | | | | | | | | | .50 | .85 | | | | | | .70 | .56 | | .07 | | | .33 | | | | | | | | |
| FREENHOLD | 03.92 | | | | | | | | | | | .39 | .02 | .45 | .35 | | | | .52 | 1.03 | .08 | | | | .56 | D.30 | | | | .22 | | | |
| GREENWOOD LAKE | 3.54 | | | | | .02 | .04 | | | | | .25 | .10 | .15 | .27 | | | | .18 | .38 | .72 | .30 | | | .40 | .42 | | | | .05 | .26 | | |
| HAMMONTOWN 2 NNE | 3.17 | | | | | .03 | | | | | | .36 | .02 | .73 | .04 | | | | .64 | .84 | .09 | .04 | | | .31 | | | | | .07 | | | |
| HIGH POINT PARK | 2.10 | | | | | .04 | | | | | | .10 | .06 | .06 | | | | | .19 | .29 | .35 | .24 | T | | .11 | .22 | | | | .44 | | | |
| HIGHTSTOWN 1 N | 3.67 | | | | | .01 | | | | | | .35 | .60 | T | | | | | .36 | 1.05 | .05 | .04 | | T | .88 | .12 | | | | .21 | | | |
| INDIAN HILLS 2 W | 3.54 | | | | | | | | | | | .39 | .81 | T | | | | | .59 | .88 | T | .03 | | | .71 | T | | | .13 | | | | |
| IRVINGTON | 3.90 | | | | | | | | | .10 | | .25 | .47 | | | | | .02 | .24 | 1.16 | .25 | | | | .56 | .43 | | | | .42 | | | |
| JERSEY CITY | 3.20 | | | | | T | | | | | | .38 | .43 | | | | | | .17 | 1.39 | .22 | T | | | .04 | .07 | | | | .50 | | | |
| LAMBERTVILLE | 3.26 | | | | | .03 | | | | | | .38 | .58 | .03 | | | | | .33 | 1.01 | .06 | .02 | | | .04 | .54 | .02 | | | .22 | | | |
| LAYTON 3 NW | 3.42 | | | | | T | T | | | | | .35 | T | .26 | .04 | | | | .21 | .83 | .09 | .18 | | | .47 | .02 | | | | .97 | | | |
| LITTLE FALLS | 2.66 | | | | | | .01 | | | | | .31 | .03 | .28 | .25 | | | | .22 | .73 | .53 | .22 | | | .39 | .33 | | | | .25 | .11 | | |
| LONG BRANCH | 3.92 | | | | | | | | | .04 | | .30 | T | .65 | T | | | .01 | .21 | 1.30 | .19 | | | | .56 | .35 | | | | .31 | | | |
| LONG VALLEY | 02.61 | | | | | .18 | | | | | | .30 | .50 | .04 | | | | | .40 | .19 | | | | | .39 | .23 | | | | .020 | .29 | | |
| MAHWAH | 3.44 | | | | | | .01 | | | | | .24 | .10 | .16 | .24 | | | | .33 | .34 | .64 | .30 | | | .39 | .23 | | | | .17 | .29 | | |
| MANVILLE | 03.33 | | | | | .01 | | | | | | .05 | .10 | .40 | .12 | | | | .10 | .78 | .54 | .14 | | | D.70 | D.30 | | | | .07 | .02 | | |
| MAYS LANDING | 3.43 | | | | | T | | | | | | .45 | .02 | .75 | .13 | | | | .68 | .72 | .10 | .07 | | | .28 | .08 | | | | .08 | .04 | | |
| MIDLAND PARK | 3.28 | | | | | | | | | | | .12 | .18 | .40 | .03 | | | | .29 | 1.02 | .23 | | | | .35 | .24 | | | | .42 | | | |
| MILLVILLE | 2.58 | | | | | | | | | | | .14 | .20 | .47 | | | | .15 | .45 | .67 | | | | | .40 | .06 | | | | .04 | | | |
| MILLVILLE FAA AIRPORT | 3.12 | | | | | T | | | | | | .15 | .16 | .01 | .78 | | | .08 | .63 | .68 | .01 | | | | .40 | .10 | | | | .11 | | | |
| MILTON | 3.77 | | | | | | | | | | | .32 | .17 | .22 | .18 | | | | .12 | .29 | 1.02 | .24 | | | .35 | .32 | | | | .25 | .18 | | |
| MOORESTOWN | 3.54 | | | | | .05 | .06 | | | | | .39 | .02 | .57 | .23 | | | | .35 | .86 | .32 | .04 | | | .58 | .62 | | | | .07 | .07 | | |
| MORRIS PLAINS | 3.65 | | | | | .02 | T | | | | | .25 | .07 | .25 | .25 | T | | | .15 | .65 | .66 | .29 | | | .44 | .32 | | | | .14 | .16 | | |
| NEWARK WB AIRPORT | 3.65 | | | | | | | | | .10 | | .24 | T | .36 | T | | | | .12 | 1.03 | .22 | .01 | | | .68 | .56 | | | | .26 | | | |
| NEW BRUNSWICK EXP STA | 3.77 | | | | | | | | | | | .32 | .57 | | | | | T | .42 | .87 | .22 | .12 | | | .65 | .25 | .10 | | | .25 | | | |
| NEW MILFORD | 3.36 | | | | | | | | | .07 | | .21 | .39 | .03 | | | | | .23 | 1.34 | .22 | | | | .27 | .30 | | | | .30 | | | |
| NEW MONMOUTH | 3.48 | | | | | .02 | | | | | | .30 | .02 | .60 | .02 | | | | .27 | .83 | .12 | .12 | | | .65 | .29 | | | | .24 | | | |
| NEWTON | 2.95 | | | | | T | T | | | | | .20 | .18 | .16 | .18 | | | | .17 | .33 | .53 | .31 | | | .34 | .19 | | | | .26 | .10 | | |
| OAK RIDGE RESERVOIR | 3.47 | | | | | | | | | | | .26 | .15 | .21 | .22 | | | | .16 | .28 | .78 | .22 | | | .42 | .42 | | | | .09 | .26 | | |
| OLDWICK | 3.94 | | | | | .27 | .03 | | | | | .36 | .06 | .32 | .14 | | | | .24 | .75 | .46 | .19 | | | .65 | .25 | | | | .22 | | | |
| ORANGE | 5.02 | | | | | .03 | | | | | | .30 | .54 | .05 | | | | | .30 | 1.28 | .22 | .25 | | | .58 | .60 | | | | .35 | .10 | | |
| PATERSON | 03.68 | | | | | T | | | | | | .30 | .06 | .22 | .31 | | | | .05 | .68 | .91 | | | | .59 | .30 | | | | .21 | .05 | | |
| PEMBERTON 3 E | 4.27 | | | | | | | | | | | .34 | .68 | | | | | | .55 | 1.06 | .07 | | | | 1.04 | .32 | | | | .21 | | | |
| PHILLIPSBURG | 3.92 | | | | | .16 | | | | | | .41 | .47 | .07 | | | | | .12 | 1.49 | .14 | | | | .60 | .10 | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
OCTOBER 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|----|----|----|------|----|----|----|----|----|----|----|-----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| ATLANTIC CITY W8 AP | MAX | 52 | 52 | 54 | 53 | 60 | 47 | 47 | 38 | 35 | 47 | 47 | 50 | 49 | 38 | 36 | 36 | 41 | 49 | 47 | 47 | 39 | 38 | 39 | 40 | 36 | 41 | 50 | 40 | 30 | 30 | 39 | 43.5 |
| | MIN | 31 | 31 | 31 | 26 | 36 | 27 | 32 | 27 | 21 | 31 | 35 | 41 | 25 | 19 | 18 | 13 | 32 | 38 | 39 | 36 | 29 | 25 | 17 | 26 | 23 | 24 | 26 | 27 | 15 | 13 | 11 | 26.6 |
| ATLANTIC CITY | MAX | 52 | 52 | 52 | 50 | 57 | 48 | 48 | 41 | 38 | 49 | 48 | 50 | 49 | 40 | 39 | 38 | 45 | 50 | 47 | 48 | 42 | 40 | 42 | 44 | 39 | 41 | 48 | 43 | 35 | 34 | 41 | 44.8 |
| | MIN | 35 | 39 | 38 | 38 | 39 | 34 | 37 | 31 | 28 | 34 | 38 | 43 | 31 | 29 | 26 | 23 | 37 | 41 | 41 | 36 | 33 | 31 | 30 | 31 | 29 | 30 | 37 | 32 | 27 | 24 | 26 | 33.2 |
| AUGUBON | MAX | 52 | 55 | 54 | 51 | 58 | 47 | 49 | 38 | 35 | 37 | 48 | 47 | 47 | 35 | 35 | 31 | 36 | 41 | 41 | 47 | 41 | 41 | 39 | 33 | 36 | 37 | 52 | 40 | 30 | 28 | 38 | 41.9 |
| | MIN | 30 | 31 | 36 | 28 | 34 | 30 | 28 | 28 | 26 | 30 | 31 | 38 | 26 | 23 | 20 | 14 | 28 | 33 | 38 | 37 | 30 | 27 | 20 | 26 | 23 | 25 | 23 | 28 | 18 | 12 | 20 | 27.1 |
| BELLEPLAIN STA FOREST | MAX | 52 | 53 | 52 | 54 | 59 | 49 | 50 | 43 | 36 | 45 | 48 | 50 | 49 | 39 | 32 | 35 | 42 | 50 | 46 | 49 | 43 | 38 | 40 | 41 | 37 | 40 | 55 | 44 | 32 | 33 | 40 | 44.4 |
| | MIN | 24 | 27 | 27 | 24 | 45 | 26 | 21 | 29 | 26 | 31 | 36 | 40 | 33 | 15 | 17 | 10 | 26 | 37 | 37 | 38 | 28 | 22 | 10 | 24 | 23 | 19 | 21 | 31 | 15 | 8 | 4 | 25.0 |
| BELVIOERE | MAX | 48 | 46 | 52 | 48 | 52 | 47 | 45 | 40 | 35 | 34 | 45 | 39 | 41 | 35 | 30 | 28 | 30 | 37 | 37 | 45 | 39 | 37 | 34 | 33 | 38 | 35 | 45 | 36 | 30 | 25 | 31 | 38.6 |
| | MIN | 26 | 25 | 33 | 22 | 38 | 24 | 20 | 24 | 18 | 26 | 31 | 33 | 31 | 14 | 19 | 6 | 20 | 20 | 33 | 33 | 30 | 27 | 13 | 25 | 21 | 22 | 12 | 27 | 4 | 1 | 8 | 22.1 |
| BOONTON 2 SE | MAX | 46 | 48 | 48 | 49 | 53 | 53 | 43 | 43 | 38 | 36 | 37 | 45 | 45 | 38 | 33 | 26 | 30 | 32 | 38 | 39 | 42 | 39 | 35 | 35 | 29 | 33 | 35 | 43 | 35 | 26 | 24 | 38.6 |
| | MIN | 27 | 27 | 28 | 23 | 25 | 31 | 25 | 29 | 24 | 28 | 30 | 32 | 30 | 20 | 20 | 6 | 7 | 26 | 33 | 34 | 32 | 27 | 23 | 23 | 20 | 24 | 15 | 16 | 13 | 9 | 10 | 23.1 |
| BURLINGTON | MAX | 52 | 54 | 54 | 54 | 59 | 46 | 48 | 45 | 40 | 36 | 48 | 48 | 48 | 37 | 35 | 32 | 35 | 40 | 41 | 47 | 44 | 39 | 36 | 32 | 37 | 37 | 52 | 40 | 33 | 24 | 37 | 42.3 |
| | MIN | 32 | 32 | 38 | 27 | 36 | 33 | 30 | 25 | 25 | 29 | 33 | 37 | 33 | 22 | 21 | 15 | 27 | 27 | 37 | 38 | 34 | 31 | 20 | 28 | 22 | 26 | 18 | 30 | 22 | 15 | 12 | 27.6 |
| CANOE BROOK | MAX | 46 | 49 | 47 | 50 | 55 | 56 | 46 | 45 | 39 | 37 | 34 | 45 | 44 | 39 | 36 | 28 | 31 | 34 | 37 | 39 | 44 | 39 | 36 | 35 | 31 | 34 | 39 | 45 | 35 | 27 | 25 | 39.6 |
| | MIN | 22 | 23 | 23 | 19 | 26 | 28 | 21 | 27 | 17 | 24 | 27 | 32 | 32 | 13 | 20 | 6 | 16 | 19 | 32 | 34 | 28 | 27 | 15 | 21 | 18 | 19 | 9 | 14 | 4 | 1 | 3 | 20.0 |
| CAPE MAY 3 W | MAX | 50 | 50 | 52 | 52 | 58 | 51 | 51 | 47 | 38 | 47 | 45 | 53 | 49 | 37 | 41 | 32 | 46 | 50 | 47 | | 47 | 39 | 44 | 44 | 35 | 41 | 48 | 46 | 35 | 33 | 40 | 44.9 |
| | MIN | 38 | 42 | 42 | 31 | 45 | 41 | 40 | 33 | 31 | 32 | 39 | 42 | 36 | 28 | 32 | 15 | 28 | 39 | 39 | | 36 | 33 | 25 | 34 | 30 | 30 | 32 | 33 | 27 | 24 | 17 | 33.1 |
| CHARLOTTEBURG | MAX | 45 | 47 | 49 | 48 | 50 | 52 | 45 | 43 | 35 | 34 | 41 | 44 | 44 | 37 | 32 | 25 | 30 | 33 | 37 | 39 | 41 | 30 | 33 | 35 | 27 | 32 | 35 | 44 | 34 | 26 | 26 | 37.8 |
| | MIN | 30 | 26 | 24 | 21 | 22 | 30 | 30 | 27 | 23 | 23 | 29 | 32 | 33 | 16 | 19 | 6 | 6 | 28 | 32 | 33 | 29 | 24 | 18 | 19 | 16 | 18 | 16 | 17 | 12 | 8 | 7 | 21.7 |
| CHATSWORTH | MAX | 51 | 52 | 53 | 55 | 60 | 50 | 47 | 43 | 34 | 44 | 47 | 48 | 46 | 36 | 35 | 32 | 34 | 43 | 46 | 46 | 44 | 40 | 39 | 35 | 36 | 39 | 53 | 44 | 31 | 28 | 40 | 42.9 |
| | MIN | 26 | 26 | 29 | 22 | 43 | 22 | 18 | 22 | 18 | 28 | 30 | 38 | 33 | 16 | 22 | 9 | 25 | | 37 | 39 | 28 | 24 | 14 | 30 | 21 | 15 | 18 | 30 | 15 | 8 | 12 | 23.9 |
| ELIZABETH | MAX | 54 | 48 | 56 | 51 | 58 | 50 | 49 | 44 | 39 | 37 | 49 | 45 | 45 | 37 | 33 | 33 | 33 | 40 | 41 | 45 | 42 | 40 | 38 | 34 | 39 | 41 | 47 | 39 | 32 | 29 | 34 | 42.0 |
| | MIN | 25 | 26 | 31 | 24 | 41 | 25 | 25 | 26 | 20 | 26 | 27 | 32 | 30 | 15 | 21 | 10 | 20 | 28 | 29 | 29 | 28 | 25 | 18 | 24 | 18 | 17 | 15 | 25 | 12 | 9 | 9 | 22.9 |
| ESSEX FELS SERV BLOC | MAX | 45 | 47 | 46 | 50 | 54 | 54 | 46 | 45 | 39 | 35 | 34 | 45 | 43 | 38 | 33 | 26 | | 33 | 37 | 39 | 43 | 39 | 35 | 34 | 29 | 33 | 37 | 45 | 34 | 22 | 25 | 38.8 |
| | MIN | 25 | 27 | 31 | 23 | 28 | 27 | 26 | 26 | 19 | 25 | 31 | 33 | 37 | 15 | 19 | 6 | 8 | | 33 | 33 | 35 | 27 | 17 | 20 | 19 | 20 | 16 | 18 | 10 | 1 | 7 | 21.8 |
| FLEMINGTON 1 NE | MAX | 53 | 51 | 52 | 49 | 58 | 47 | 47 | 39 | 36 | 35 | 48 | 44 | 45 | 36 | 32 | 32 | 38 | 38 | 47 | 42 | 37 | 35 | 31 | 33 | 39 | 43 | 36 | 30 | 26 | 35 | | 40.2 |
| | MIN | 19 | 23 | 29 | 18 | 37 | 25 | 17 | 27 | 18 | 23 | 31 | 34 | 33 | 13 | 21 | 16 | 28 | 30 | 35 | 36 | 27 | 30 | 13 | 27 | 22 | 22 | 7 | 24 | 8 | - 1 | 4 | 22.5 |
| FREEHOLO | MAX | 51 | 50 | 51 | 52 | 59 | 47 | 47 | 40 | 34 | 38 | 50 | 47 | 47 | 35 | 31 | 33 | 36 | 48 | 42 | 45 | 40 | 37 | 37 | 35 | 33 | 36 | 52 | 42 | 30 | 30 | 36 | 41.6 |
| | MIN | 28 | 32 | 32 | 26 | 42 | 30 | 26 | 25 | 21 | 28 | 32 | 38 | 30 | 18 | 21 | 9 | 25 | 33 | 36 | 37 | 31 | 27 | 17 | 25 | 19 | 23 | 21 | 29 | 17 | 10 | 14 | 25.9 |
| HAMMONTON 2 NNE | MAX | 49 | 52 | 52 | 52 | 56 | 58 | 46 | 48 | 38 | 35 | 38 | 44 | 48 | 40 | 38 | 32 | 38 | 38 | 43 | 44 | 46 | 40 | 37 | 39 | 34 | 35 | 40 | 54 | 36 | 29 | 27 | 42.1 |
| | MIN | 30 | 29 | 33 | 25 | 28 | 26 | 29 | 28 | 21 | 25 | 32 | 31 | 34 | 20 | 21 | 10 | 12 | 34 | 37 | 37 | 30 | 26 | 19 | 21 | 22 | 20 | 21 | 28 | 19 | 15 | 14 | 25.1 |
| HIGH POINT PARK | MAX | 37 | 43 | 43 | 45 | 47 | 50 | 42 | 40 | 44 | 48 | 36 | 38 | 36 | | 32 | 34 | 26 | 32 | 34 | 49 | 38 | 30 | 32 | 26 | 30 | 26 | 38 | 48 | 28 | 38 | 18 | 36.9 |
| | MIN | 24 | 31 | 30 | 28 | 33 | 23 | 28 | 20 | 12 | 20 | 24 | 26 | 25 | 11 | 11 | - 2 | 4 | 16 | 28 | 28 | 22 | 15 | 16 | 14 | 10 | 16 | 17 | 25 | 13 | - 1 | 2 | 18.4 |
| HIGHTSTOWN 1 N | MAX | 49 | 51 | 51 | 50 | 58 | 46 | 47 | 38 | 34 | 35 | 47 | 45 | 46 | 34 | 31 | 30 | 33 | 40 | 40 | 46 | 40 | 38 | 35 | 35 | 33 | 35 | 46 | 43 | 30 | 25 | 33 | 40.1 |
| | MIN | 28 | 28 | 30 | 24 | 42 | 30 | 28 | 27 | 20 | 28 | 30 | 37 | 32 | 18 | 24 | 10 | 23 | 31 | 36 | 37 | 29 | 30 | 19 | 27 | 21 | 22 | 14 | 30 | 15 | 10 | 12 | 25.5 |
| INOIAN MILLS 2 W | MAX | 50 | 51 | 53 | 51 | 60 | 46 | 47 | 37 | 33 | 35 | 46 | 47 | 46 | 36 | 34 | 33 | 34 | 39 | 42 | 45 | 39 | 37 | 37 | 34 | 35 | 39 | 52 | 38 | 29 | 29 | 39 | 41.1 |
| | MIN | 26 | 25 | 28 | 20 | 39 | 21 | 22 | 27 | 20 | 28 | 30 | 37 | 29 | 15 | 21 | 7 | 26 | 33 | 37 | 37 | 29 | 25 | 13 | 26 | 21 | 22 | 16 | 29 | 11 | 6 | 5 | 23.6 |
| JERSEY CITY | MAX | 48 | 46 | 49 | 48 | 54 | 45 | 45 | 38 | 35 | 34 | 46 | 44 | 43 | 33 | 28 | 28 | 33 | 37 | 40 | 43 | 38 | 34 | 34 | 29 | 32 | 36 | 42 | 39 | 29 | 25 | 30 | 38.2 |
| | MIN | 34 | 35 | 38 | 31 | 37 | 33 | 33 | 29 | 26 | 30 | 34 | 37 | 28 | 23 | 18 | 11 | 28 | 30 | 34 | 34 | 33 | 28 | 27 | 24 | 20 | 27 | 30 | 28 | 20 | 16 | 18 | 28.2 |
| LAMBERTVILLE | MAX | 51 | 53 | 53 | 50 | 58 | 47 | 47 | 39 | 35 | 35 | 47 | 45 | 46 | 34 | 32 | 33 | 38 | 39 | 47 | 41 | 38 | 35 | 31 | 37 | 37 | 43 | 36 | 30 | 27 | 35 | | 40.4 |
| | MIN | 27 | 28 | 32 | 23 | 42 | 31 | 23 | 28 | 21 | 28 | 28 | 36 | 32 | 16 | 22 | 9 | 23 | 31 | 35 | 36 | 31 | 30 | 16 | 28 | 23 | 24 | 14 | 29 | 11 | 5 | 8 | 24.8 |
| LAYTON 3 NW | MAX | 51 | 43 | 52 | 46 | 54 | 44 | 43 | 38 | 35 | 34 | 44 | 39 | 35 | 35 | 33 | 29 | 30 | 35 | 36 | 42 | 36 | 34</ | | | | | | | | | | |

DAILY TEMPERATURES

NEW JERSEY
DECEMBER 1961

| Station | | Day Of Month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|-----------------|-----|--------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| SOMERVILLE | MAX | 49 | 49 | 52 | 49 | 57 | 45 | 46 | 39 | 35 | 34 | 47 | 44 | 44 | 34 | 32 | 30 | 32 | 39 | 39 | 45 | 39 | 35 | 34 | 30 | 34 | 38 | 43 | 38 | 29 | 26 | 33 | 39.4 |
| | MIN | 25 | 25 | 34 | 21 | 40 | 27 | 19 | 27 | 16 | 28 | 29 | 36 | 32 | 15 | 20 | 7 | 22 | 30 | 36 | 35 | 30 | 29 | 14 | 27 | 22 | 24 | 12 | 29 | 9 | 2 | 4 | 23.4 |
| SUSSEX | MAX | 40 | 48 | 44 | 50 | 46 | 56 | 48 | 44 | 36 | 35 | 43 | 35 | 44 | 35 | 35 | 25 | 30 | 32 | 36 | 35 | 36 | 41 | 32 | 32 | 33 | 33 | 35 | 44 | 35 | 35 | 33 | 38.3 |
| | MIN | 21 | 25 | 27 | 20 | 21 | 29 | 26 | 28 | 23 | 24 | 27 | 27 | 27 | 16 | 16 | 5 | 5 | 25 | 31 | 33 | 16 | 23 | 13 | 15 | 19 | 17 | 23 | 4 | - | 2 | 4 | 19.3 |
| TOM5 RIVER | MAX | 55 | 53 | 53 | 55 | 60 | 50 | 46 | 45 | 38 | 45 | 47 | 48 | 45 | 37 | 35 | 33 | 43 | 47 | 48 | 44 | 40 | 45 | 40 | 35 | 40 | 40 | 52 | 42 | 32 | 30 | 38 | 43.9 |
| | MIN | 24 | 24 | 27 | 21 | 47 | 22 | 22 | 28 | 21 | 29 | 32 | 38 | 37 | 18 | 27 | 10 | 25 | 40 | 38 | 39 | 29 | 25 | 29 | 30 | 40 | 40 | 52 | 22 | 19 | 18 | 8 | 8 |
| TRENTON WB CITY | MAX | 50 | 52 | 51 | 51 | 59 | 45 | 46 | 37 | 34 | 36 | 46 | 47 | 47 | 35 | 33 | 29 | 33 | 39 | 40 | 45 | 38 | 35 | 34 | 31 | 35 | 37 | 50 | 38 | 25 | 28 | 37 | 40.1 |
| | MIN | 37 | 36 | 37 | 32 | 38 | 32 | 31 | 28 | 25 | 28 | 33 | 38 | 26 | 21 | 17 | 14 | 27 | 31 | 36 | 38 | 30 | 27 | 23 | 25 | 22 | 27 | 24 | 24 | 17 | 15 | 19 | 27.7 |
| TUCKERTON | MAX | 53 | 50 | 54 | 50 | 60 | 48 | 50 | 41 | 35 | 48 | 47 | 49 | 50 | 40 | 35 | 33 | 45 | 49 | 47 | 47 | 43 | 40 | 37 | 40 | 37 | 42 | 50 | 43 | 32 | 31 | 39 | 44.0 |
| | MIN | 29 | 25 | 30 | 22 | 45 | 27 | 26 | 27 | 21 | 29 | 33 | 34 | 32 | 16 | 25 | 10 | 25 | 40 | 38 | 39 | 29 | 28 | 15 | 28 | 22 | 24 | 27 | 31 | 19 | 9 | 8 | 26.2 |
| WOODSTOWN | MAX | 53 | 50 | 54 | 50 | 60 | 48 | 50 | 41 | 35 | 48 | 47 | 49 | 50 | 40 | 35 | 33 | 45 | 49 | 47 | 47 | 43 | 40 | 37 | 40 | 37 | 42 | 50 | 43 | 32 | 31 | 39 | 44.0 |
| | MIN | 25 | 28 | 27 | 20 | 34 | 26 | 25 | 27 | 20 | 29 | 29 | 38 | 31 | 21 | 23 | 12 | 26 | 33 | 37 | 37 | 32 | 29 | 19 | 28 | 20 | 22 | 18 | 28 | 18 | 13 | 12 | 25.4 |

DAILY SOIL TEMPERATURES

| Station And Depth | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Average |
|---------------------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|---------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| NEW BRUNSWICK EXP STATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PLOT #1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 42 37 | 42 38 | 43 38 | 42 38 | 46 39 | 40 37 | 38 36 | 36 33 | 37 34 | 38 37 | 40 37 | 42 39 | 42 36 | 36 34 | 34 32 | 32 31 | 33 32 | 36 34 | 38 36 | 40 38 | 38 36 | 36 33 | 35 33 | 39 37 | 39 37 | 37 36 | 36 35 | 36 36 | 34 32 | 32 32 | 38.0 35.5 | |
| 2 INCHES | MAX MIN | 42 37 | 42 38 | 43 39 | 41 38 | 46 39 | 40 37 | 38 36 | 37 34 | 37 34 | 38 37 | 40 37 | 42 39 | 42 36 | 36 34 | 35 32 | 32 31 | 33 32 | 36 34 | 38 36 | 40 38 | 38 36 | 36 36 | 35 33 | 39 37 | 39 37 | 37 36 | 36 35 | 35 36 | 33 33 | 32 32 | 38.0 35.6 | |
| 4 INCHES | MAX MIN | 42 39 | 42 39 | 42 41 | 42 39 | 44 42 | 41 40 | 38 39 | 39 37 | 39 38 | 40 39 | 42 39 | 42 40 | 39 37 | 37 35 | 34 35 | 35 35 | 35 34 | 37 36 | 38 37 | 40 38 | 39 38 | 38 37 | 35 35 | 40 38 | 40 38 | 37 37 | 37 37 | 36 34 | 37 36 | 34 34 | 38.9 37.5 | |
| 8 INCHES | MAX MIN | 42 41 | 42 41 | 42 42 | 43 41 | 44 43 | 43 42 | 40 39 | 40 38 | 40 39 | 41 40 | 42 41 | 42 41 | 41 39 | 39 37 | 37 36 | 37 36 | 37 37 | 39 39 | 40 39 | 39 38 | 39 37 | 37 38 | 41 41 | 41 38 | 41 38 | 38 37 | 38 38 | 38 37 | 38 37 | 37 36 | 40.0 38.8 | |
| 16 INCHES | MAX MIN | 45 44 | 45 44 | 45 44 | 44 44 | 45 44 | 45 44 | 44 43 | 44 43 | 44 42 | 44 42 | 42 42 | 43 43 | 44 42 | 44 41 | 42 40 | 41 40 | 40 39 | 40 39 | 40 39 | 41 40 | 41 41 | 41 40 | 40 40 | 43 41 | 43 40 | 40 40 | 40 40 | 40 40 | 40 39 | 40 38 | 42.3 41.5 | |
| 32 INCHES | MAX MIN | 49 48 | 48 48 | 48 47 | 47 47 | 47 47 | 47 47 | 48 47 | 48 47 | 48 46 | 46 46 | 46 46 | 46 46 | 46 46 | 46 45 | 45 45 | 44 44 | 44 43 | 43 43 | 43 43 | 43 43 | 44 43 | 43 43 | 44 43 | 43 43 | 46 46 | 44 43 | 43 43 | 43 42 | 42 42 | 42 42 | 45.3 44.9 | |
| PLOT #2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | MAX MIN | 43 31 | 41 32 | 45 33 | 42 33 | 47 31 | 39 33 | 38 31 | 33 30 | 32 30 | 32 30 | 40 31 | 42 32 | 42 32 | 32 30 | 30 28 | 30 25 | 31 30 | 31 31 | 36 35 | 40 33 | 37 32 | 33 32 | 32 31 | 35 32 | 35 33 | 33 32 | 33 32 | 32 32 | 32 32 | 32 32 | 36.3 31.5 | |
| 2 INCHES | MAX MIN | 43 31 | 41 32 | 45 33 | 42 33 | 47 31 | 39 33 | 38 30 | 33 30 | 32 30 | 32 30 | 40 31 | 42 33 | 42 32 | 32 30 | 30 28 | 26 26 | 31 30 | 31 31 | 36 35 | 40 33 | 37 32 | 33 32 | 32 31 | 35 32 | 35 33 | 33 32 | 33 32 | 32 32 | 32 32 | 32 32 | 36.0 31.6 | |
| 4 INCHES | MAX MIN | 41 32 | 40 33 | 43 35 | 43 35 | 46 35 | 39 33 | 37 32 | 33 31 | 33 32 | 33 32 | 39 33 | 42 37 | 42 34 | 34 32 | 32 30 | 30 28 | 31 30 | 31 31 | 36 35 | 40 33 | 37 35 | 34 33 | 33 32 | 36 33 | 36 33 | 33 33 | 33 33 | 33 33 | 33 32 | 32 32 | 36.1 32.6 | |
| 8 INCHES | MAX MIN | 40 36 | 39 36 | 42 38 | 42 36 | 40 40 | 38 38 | 36 35 | 36 34 | 35 34 | 35 34 | 38 35 | 41 38 | 41 37 | 37 34 | 35 33 | 32 32 | 32 32 | 33 32 | 35 33 | 38 35 | 36 35 | 35 35 | 35 34 | 37 35 | 37 35 | 34 34 | 34 34 | 34 34 | 34 34 | 34 33 | 36.8 34.9 | |

Plot #1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Elektronik Potentiometer.

Plot #2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

SNOWFALL AND SNOW ON GROUND

NEW JERSEY
DECEMBER 1961

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|------------------------------------|--------------|---|---|---|---|---|---|---|-----|----------|----|----|----|----|----|----|---------|----------|--------|----|----|----|----------|----------|-----------|----------|---------|-----------|----------|---------|----|----|---|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | |
| ATLANTIC CITY WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | | | | .6 | T | | | | | | | | | | | | | T | .4 | T | T | T | | | | | | |
| BASS RIVER ST FOREST | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| BELVIDERE | SNOWFALL SN ON GND | | | | | | | | | | 1.7 1 | | | | | | | .3 T | .1 T | | | T | | | 6.0 6 | .2 4 | 3 | 3 | 1.5 4 | 4 | 4 | 4 | 3 | |
| CHARLOTTEBURG | SNOWFALL SN ON GND | | | | | | | | | | 2.0 2 | 1 | | | | | | .5 T | T | | | | | | 4.0 4 | 4.0 8 | 7 | 6 | 4 | 2.0 6 | 5 | 3 | | |
| FLEMINGTON 1 NE | SNOWFALL SN ON GND | | | | | | | | | | 2.5 2 | T | | | | T | | | | | | T | T | | 8.0 8 | 3.0 11 | 10 | 8 | 2.0 10 | 10 | 10 | 10 | | |
| FREEHOLD | SNOWFALL SN ON GND | | | | | | | | | | 1.5 T | | | | | | | | | | | | | | 3.0 3 | 3.0 6 | 6 | 5 | .3 5 | 4 | 3 | 3 | | |
| HIGHTSTOWN 1 N | SNOWFALL SN ON GND | | | | | | | | | | 1.7 1 | | | T | | | | .3 T | | | | | T | | 6.0 6 | 1.0 7 | 6 | 4 | T | 4 | 4 | 4 | | |
| INDIAN MILLS 2 W | SNOWFALL SN ON GND | | | | | | | | | | 1.5 T | | | | | | | | | | | | | 1.2 1 | 3.5 - | T 2 | 1 | T | T | T | T | T | | |
| LAMBERTVILLE | SNOWFALL SN ON GND | | | | | | | | | | 2.0 1 | T | | | | | | | | | | | | 1.0 1 | 6.0 6 | 2.0 7 | 5 | 4 | T | 4 | 3 | 3 | 3 | |
| LAYTON 3 NW | SNOWFALL SN ON GND | | | | | | | | | | 1.4 1 | T | | | | | | .3 - | | | | | | | 5.7 - | .5 6 | 5 | 3 | 4.3 7 | 7 | 7 | - | | |
| LITTLE FALLS | SNOWFALL SN ON GND | | | | | | | | | | 2.5 3 | 1 | | | | | | | | | | | | | 2.5 3 | 4.0 7 | 6 | 5 | .1 5 | 5 | 4 | 4 | | |
| LONG BRANCH | SNOWFALL SN ON GND | | | | | | | | | .3 | 1.7 | | | | | | T | T | | | | | | 2.0 1 | 3.0 6 | 6 | 5 | 4 | T | 3 | 3 | 2 | | |
| LONG VALLEY | SNOWFALL SN ON GND | | | | | | | | | | 2.0 | - | - | - | - | - | - | 5.0 | - | - | - | - | - | - | 8.0 | - | - | - | - | - | - | - | - | |
| MAYS LANDING | SNOWFALL SN ON GND | | | | | | | | | | .5 T | | | | | | | | | | | | | | | | .7 1 | | | | | | | |
| MILLVILLE | SNOWFALL SN ON GND | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MILLVILLE FAA AIRPORT | SNOWFALL SN ON GND | | | | | | | | | | T | | | | | | | | | | | | | T | 1.0 | T | | T | | | | | | |
| MOORESTOWN | SNOWFALL SN ON GND | | | | | | | | | | 2.0 1 | | | | | | | T T | | | | | | | 3.0 2 | 1.5 3 | 2 | 2 | 1 | T | T | T | | |
| MORRIS PLAINS | SNOWFALL SN ON GND | | | | | | | | T | | 2.0 2 | - | - | - | T | - | - | .5 - | 1.5 - | - | - | - | - | - | - | 5.5 - | 6.0 - | - | - | - | .3 - | - | - | - |
| NEWARK WB AIRPORT | SNOWFALL SN ON GND WTR EQUIV | | | | | | | | | .9 | 1.3 2 | T | | | | | T | .1 T | T | | | | | 6.4 6 | 4.4 8 | 6 | 5 | .1 2 | 2 | 2 | T | 2 | .6 | |
| NEW BRUNSWICK EXP STA | SNOWFALL SN ON GND | | | | | | | | | | 1.5 | | | | | | | | | | | | | 6.0 6 | 2.0 8 | 7 | 6 | 5 | T | 5 | 5 | 4 | | |
| NEWTON | SNOWFALL SN ON GND | | | | | | | | | | 2.0 2 | T | | | | | | - T | - T | - T | | | | | - 4 | - 6 | 6 | 6 | 1.0 5 | 1.0 6 | 6 | 6 | | |
| PATERSON | SNOWFALL SN ON GND | | | | | | | | | | 2.1 2 | | T | T | | | | .5 1 | .3 T | | | | | | 4.7 5 | 2.6 7 | 7 | 7 | .1 5 | .1 3 | 2 | 2 | | |
| PEMBERTON 3 E | SNOWFALL SN ON GND | | | | | | | | | | 1.0 T | | | | | | | | | | | | | | 3.0 1 | 3.0 4 | 2 | 1 | T | T | T | T | | |
| PHILLIPSBURG | SNOWFALL SN ON GND | | | | | | | | | | 1.0 T | | | | | | | | | | | | | | 4.0 4 | 3.0 7 | 5 | 4 | 3 | 2 | T | T | | |
| PLAINFIELD | SNOWFALL SN ON GND | | | | | | | T | | | 2.0 | | | | | | | .5 | | | | | | | 7.0 7 | 5.0 12 | 11 | 9 | T | 5 | 4 | 3 | 3 | |
| RAHWAY | SNOWFALL SN ON GND | | | | | | | | | .5 | .6 1 | T | | | | | | | | | | | | | 6.0 6 | 4.0 10 | 8 | 7 | T | 6 | 4 | 3 | 3 | |
| SOMERVILLE | SNOWFALL SN ON GND | | | | | | | | | | 2.0 1 | | | | | | | T | | | | | | | .5 1 | 7.0 8 | .5 - | - | - | T | 1 | - | - | - |
| TRENTON WB CITY | SNOWFALL SN ON GND | | | | | | | | | 1.0 | .8 2 | | | T | | | | .1 T | | | | | | T | 3.0 | 2.7 2 | 4 | 3 | 2 | .2 T | T | T | T | |
| WANAQUE RAYMOND DAM | SNOWFALL SN ON GND | | | | | | | | | | 2.0 2 | 1 | | | | | | .5 1 | | | | | | | | 3.5 4 | 3.0 6 | 4 | 3 | .5 4 | 4 | | | |

See reference notes following Station Index.

NEW JERSEY
 DELAYED DATA

| Station | | Day of month | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total or Avg. |
|---------------|------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|---------------------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
| AUGUST 1961 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PEMBERTON 3 E | MAX MIN | 95 85 | 80 55 | 79 58 | 91 70 | 89 70 | 90 67 | 93 72 | 93 70 | 97 70 | 95 73 | 94 73 | 92 76 | 88 71 | 89 58 | 90 61 | 94 64 | 93 65 | 91 60 | 89 60 | 79 63 | 81 67 | 90 66 | 88 72 | 92 70 | 90 75 | 88 75 | 99 75 | 95 73 | 99 75 | 90 67 | 93 69 | 90.5 68.8 |

CORRECTIONS

MONTH: JANUARY 1961

Climatological Data Tahle:
Toms River

Total snowfall should be missing. Snowfall average for southern division should be 17.1.

Daily Precipitation Tahle:
Orange

Correct as follows: 19th, missing; 20th, missing; monthly total, missing.

Snowfall and Snow on Ground Table:
Morris Plains

Snow on the ground should be missing for entire month.

MONTH: JUNE 1961

Monthly and Seasonal Snowfall Season of 1960 - 1961:
Toms River

Snowfall total for month of January should be missing.

MONTH: JULY 1961

Climatological Data Table:
Freehold

Total precipitation should be 9.19; departure from long-term average + 5.17; number of days with .10 or more should be 9.

Southern Division

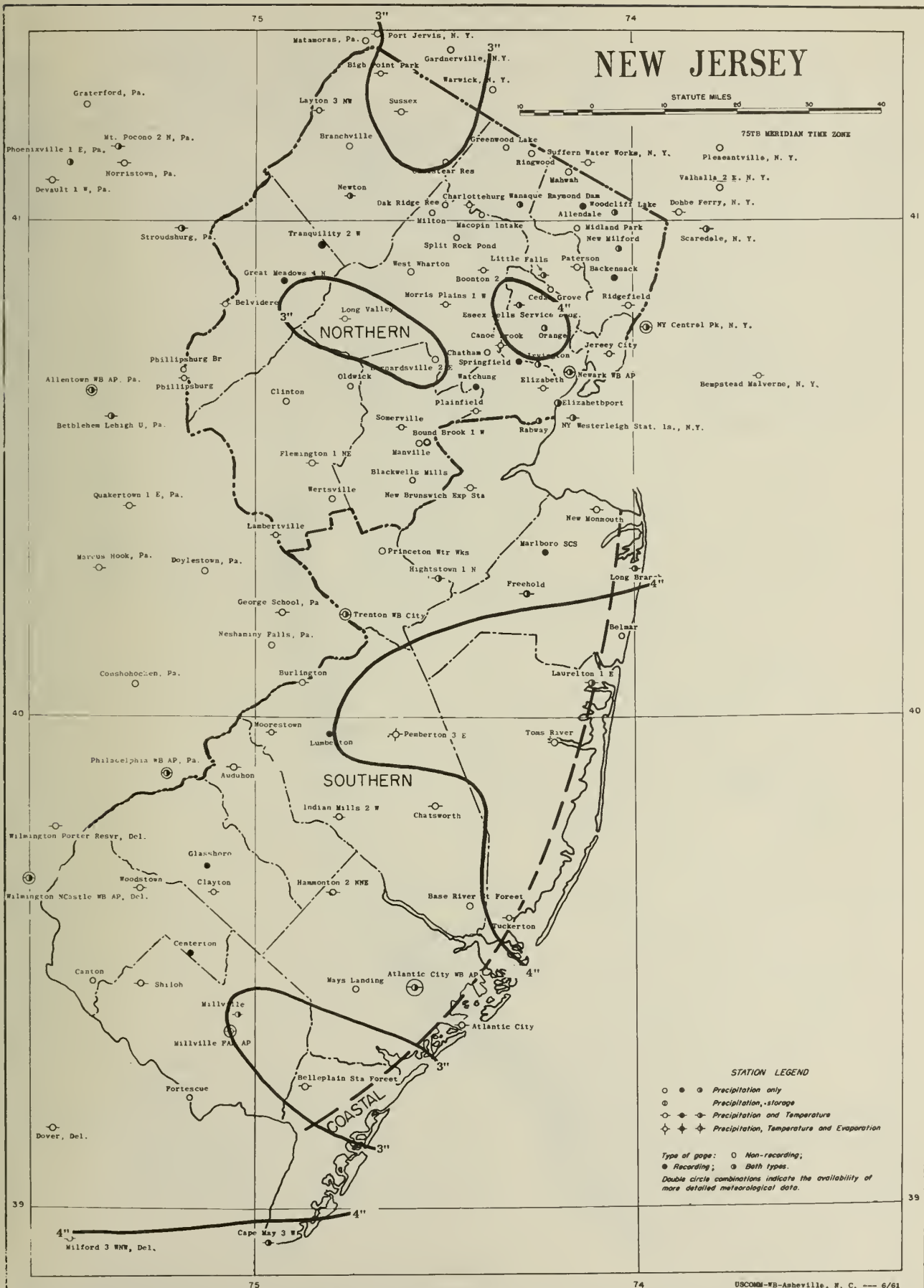
Average precipitation should be 6.00; departure from long-term average + 1.95.

Daily Precipitation Tahle:
Freehold

Amount on the 31st should be 0; monthly total should be 9.19.

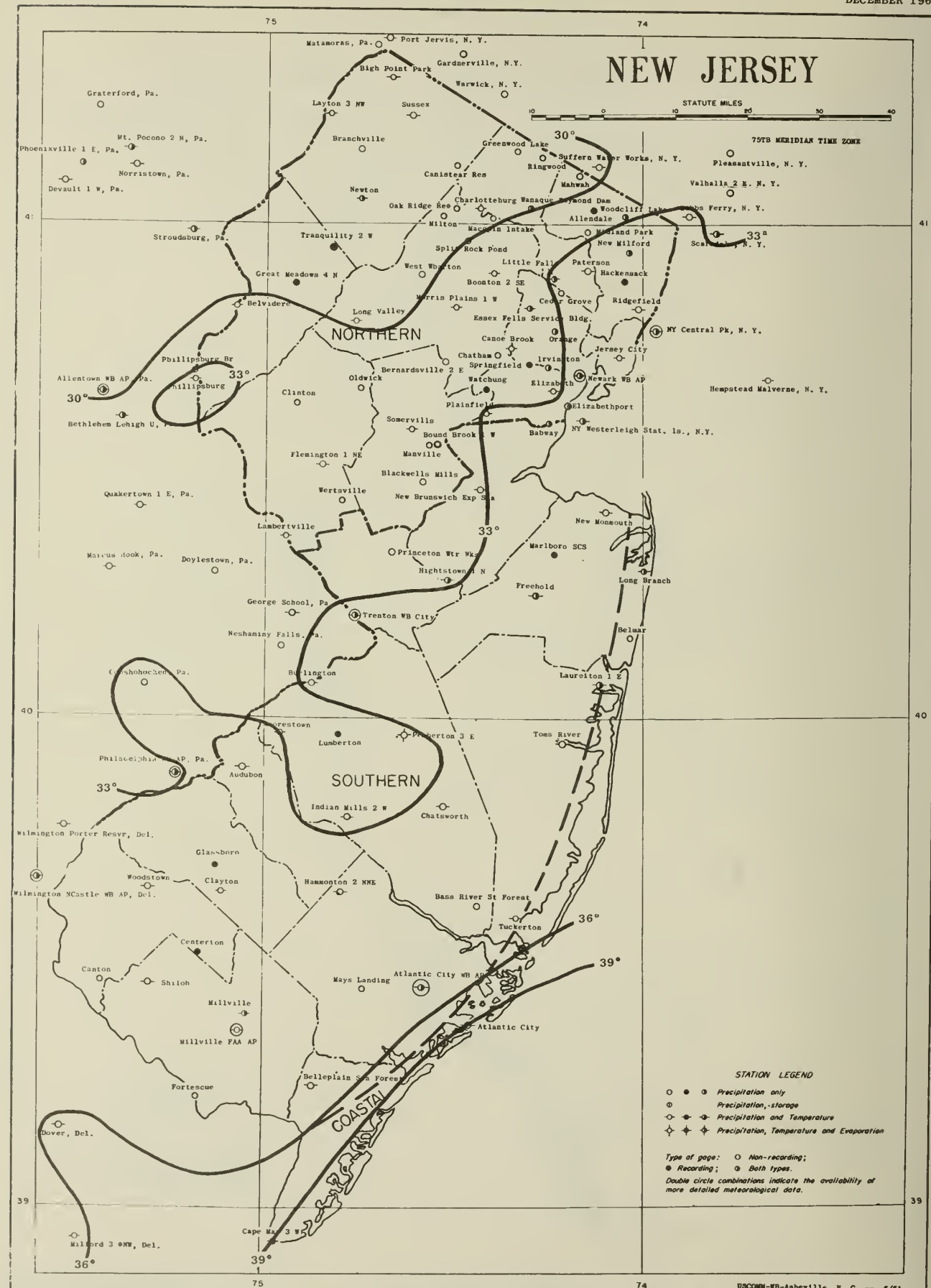
TOTAL PRECIPITATION

NEW JERSEY
DECEMBER 1961



AVERAGE TEMPERATURE

NEW JERSEY
DECEMBER 1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
DECEMBER 1961

| STATION | INDEX NO. | COUNTY | DRAINAGE | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|------------------------|-----------|------------|----------|----------|-----------|-----------|-----------------------------|---------|-------|---------|----------|--------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL | | |
| ALLENDALE | 0100 | BERGEN | 8 | 41 02 | 74 08 | 270 | | | | | C | BERGEN COUNTY ENGINEERS |
| ATLANTIC CITY WB AP | 0311 | ATLANTIC | 1 | 39 27 | 74 35 | 58 | MID | MID | | | C | U.S. WEATHER BUREAU |
| ATLANTIC CITY | 0328 | ATLANTIC | 1 | 39 23 | 74 26 | 10 | MID | MID | | | C | J. STATE MARINA |
| AUDUBON | 0346 | CAMDEN | 2 | 39 54 | 75 04 | 50 | 11P | 11P | | | H | IRVIN J. MYGREN |
| BASS RIVER ST FOREST | 0528 | BURLINGTON | 1 | 39 37 | 74 26 | 20 | | | 9A | | H | N.J. FORESTRY SERVICE |
| BELLEPLAIN STA FOREST | 0690 | CAPE MAY | 1 | 39 15 | 74 52 | 30 | 5P | 5P | | | C | BELLEPLAIN STATE FOREST |
| BELMAR | 0721 | MONMOUTH | 1 | 40 10 | 74 02 | 19 | | | 8A | | C | BELMAR WATER WORKS |
| BELVIDERE | 0729 | WARREN | 2 | 40 50 | 75 05 | 275 | 5P | 5P | | | H | CLEMENT MAUP. |
| BERNARDSVILLE 2 E | 0797 | SONERSET | 8 | 40 43 | 74 32 | 240 | 7A | | | | C | BERNARDS WATER COMPANY |
| BLACKWELLS MILLS | 0847 | SONERSET | 10 | 40 29 | 74 35 | 27 | | | 7A | | C | HENRY M. MILLER |
| BODONTON 2 SE | 0907 | MORRIS | 8 | 40 34 | 74 24 | 280 | 8A | 8A | | | C | JERSEY CITY WATER WORKS |
| BOUND BROOK 1 W | 0927 | SONERSET | 10 | 40 33 | 74 33 | 20 | 8A | | | | C | AMERICAN CYANAMID CO. |
| BRANCHVILLE | 0978 | SUSSEX | 5 | 41 09 | 74 45 | 580 | 7A | | | | C | ALBERT M. DAVENPORT |
| BURLINGTON | 1211 | BURLINGTON | 2 | 40 04 | 74 53 | 12 | 6P | | | | C | PUBLIC SVCS. E. & G. CO. |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 | 41 07 | 74 30 | 1040 | 8A | | | | C | NEWARK WATER DEPARTMENT |
| CANDE BROOK | 1335 | ESSEX | 8 | 40 45 | 74 21 | 180 | 9A | 9A | | | C | COMMONWEALTH WATER CO. |
| CANTON | 1343 | SALEM | 2 | 39 28 | 75 25 | 20 | 9A | | | | C | GERTRUDE S. WILLIS |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 | 38 57 | 74 58 | 10 | 5P | 5P | | | C | N. WEST MAGNESITE CO. |
| CEAR GROVE | 1472 | ESSEX | 8 | 40 52 | 74 13 | 400 | 8A | | | | C | J. A. PLUMETT |
| CERTERTON | 1512 | SALEM | 6 | 39 31 | 75 10 | 80 | | | | | C | JOHN HOPKINS UNL. |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 | 41 03 | 74 26 | 760 | 7A | 7A | | | C | NEWARK WATER DEPT. |
| CHATWAIN | 1590 | MORRIS | 8 | 40 44 | 74 23 | 185 | 8A | | | | C | EDWARD P. NOLITOR |
| CHATSORTH | 1598 | BURLINGTON | 1 | 39 49 | 74 32 | 100 | 5P | 5P | | | C | EARL W. ECKHARDT |
| CLAYTON | 1708 | GLOUCESTER | 6 | 39 39 | 75 06 | 120 | 6P | 6P | | | H | HARRY P. CAMPBELL |
| CLINTON | 1749 | HUNTERDON | 10 | 40 38 | 74 55 | 300 | 6P | | | | C | L. W. KLOCKMER |
| ELIZABETH | 2644 | UNION | 1 | 40 40 | 74 14 | 33 | 5P | 5P | | | C | UNION CO. PARK COMM. |
| ELIZABETHPORT | 2652 | UNION | 8 | 40 38 | 74 12 | 10 | MID | | | | C | SEWAGE TREATMENT PLANT |
| ESSER FIELDS SERV BLOC | 2768 | ESSEX | 8 | 40 50 | 74 18 | 250 | 8A | | | | C | BOROUGH ESSEX FIELDS |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 | 40 31 | 74 51 | 134 | 5P | 5P | | | H | DONALD YOUNG |
| FORTESCUE | 3102 | CUMBERLAND | 2 | 39 14 | 75 10 | 5 | 7A | | | | C | JOHN LOPER |
| FREEHOLD | 3181 | MONMOUTH | 10 | 40 15 | 74 17 | 194 | 6P | 6P | | | C | FRANK J. MOREAU |
| GLASSBORO | 3291 | GLOUCESTER | 2 | 39 42 | 75 07 | 135 | | | | | C | GLASSBORO STATE COLLEGE |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 | 40 56 | 74 55 | 540 | | | | | C | GAMMA CHEMICAL CORP. |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 | 41 09 | 74 20 | 660 | 7A | | | | C | GEORGE T. WIGGINS |
| HACKENSACK | 3572 | BERGEN | 4 | 40 53 | 74 03 | 10 | | | | | C | BERGEN COUNTY ENGINEERS |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 | 39 39 | 74 48 | 85 | 8A | 8A | | | C | W. HUBBARD PARKHURST |
| HIGH POINT PARK | 3935 | SUSSEX | 2 | 41 18 | 74 40 | 1570 | 8A | 8A | | | C | M. J. DEPT. OF CONS. |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 | 40 17 | 74 31 | 100 | 6P | 6P | | | C | JAMES R. PICKERING |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 | 39 48 | 74 47 | 100 | 7P | 7P | | | H | EDWARD ENTWISTLE |
| IRVINGTON | 4240 | ESSEX | 1 | 40 43 | 74 15 | 120 | MID | | | | C | JOINT MEETING GARAGE |
| JERSEY CITY | 4639 | HUDSON | 1 | 40 44 | 74 04 | 135 | MID | MID | | | C | JERSEY CITY WATER DEPT. |
| LAMBERTVILLE | 4635 | HUNTERDON | 2 | 40 22 | 74 57 | 75 | 6P | 6P | | | H | E. E. CASE |
| LAURELTON 1 E | 4700 | OCEAN | 1 | 40 04 | 74 07 | 20 | MID | MID | | | C | GEORGE G. WADDILL |
| LAYTON 3 NW | 4735 | SUSSEX | 2 | 41 15 | 74 51 | 480 | 6P | 6P | | | H | E. W. DEPU |
| LITTLE FALLS | 4887 | PASSAIC | 8 | 40 53 | 74 14 | 150 | 9A | | | | C | PASSAIC VLY. WTR. COMM. |
| LONG BRANCH | 4987 | MONMOUTH | 1 | 40 18 | 74 00 | 20 | MID | MID | | | C | WILLIAM D. MARTIN, JR. |
| LONG VALLEY | 5003 | MORRIS | 10 | 40 48 | 74 46 | 660 | 6P | 6P | | | H | ARTHUR BARKMAN |
| LUMBERTON | 5055 | BURLINGTON | 2 | 39 58 | 74 48 | 25 | | | | | C | JAMES LAWTON |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 | 41 01 | 74 24 | 584 | | | | | C | INACTIVE 1/61 |
| MANHAW | 5104 | BERGEN | 8 | 41 06 | 74 10 | 293 | 7A | | | | C | ROBERT G. GLASGOW |
| MANVILLE | 5197 | SONERSET | 10 | 40 33 | 74 34 | 50 | 8A | | | | C | JOHN L. RADCLIFFE |
| MARLBORO SCS | 5244 | MONMOUTH | 1 | 40 20 | 74 14 | 120 | | | | | C | GERD BRILL |
| MAYS LANDING | 5346 | ATLANTIC | 3 | 39 27 | 74 44 | 10 | 9A | | | | H | COUNTY EXTENSION SVC. |
| MIDLAND PARK | 5503 | BERGEN | 8 | 40 59 | 74 09 | 210 | MID | | | | C | RIDGEWOOD WATER CO. |
| MILLVILLE | 5576 | CUMBERLAND | 6 | 39 24 | 75 03 | 60 | 8A | MID | | | C | L. J. GALLAHER |

| STATION | INDEX NO. | COUNTY | DRAINAGE † | LATITUDE | LONGITUDE | ELEVATION | OBSERVATION TIME AND TABLES | | | | OBSERVER | |
|-----------------------|-----------|------------|------------|----------|-----------|-----------|-----------------------------|---------|-------|------------------|----------|--------------------------|
| | | | | | | | TEMP. | PRECIP. | EVAP. | SPECIAL NOTES | | |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 | 39 22 | 75 04 | 70 | MID | MID | | | H | FED. AVIATION AGENCY |
| MILTON | 5597 | MORRIS | 8 | 41 01 | 74 32 | 950 | 7A | | | | C | JERSEY CITY WATER WKS. |
| MODRESTOWN | 5728 | BURLINGTON | 2 | 39 58 | 74 58 | 55 | MID | 8A | | | H | M. J. WILLARD |
| MORRIS PLAINS | 5769 | MORRIS | 8 | 40 50 | 74 30 | 500 | 8A | 8A | | | H | JAMES C. LONG |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 | 40 42 | 74 10 | 11 | MID | MID | | | C | U.S. WEATHER BUREAU |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 | 40 28 | 74 26 | 86 | 5P | 5P | | | C | ARTHUR H. AHLQUIST |
| NEW MILFORD | 6146 | BERGEN | 4 | 40 57 | 74 02 | 12 | | | | | C | HACKENSACK WATER CO. |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 | 40 25 | 74 06 | 30 | 4P | 4P | | | C | ST. MARYS SCHOOL |
| NEWTON | 6177 | SUSSEX | 2 | 41 03 | 74 45 | 565 | 8A | 8A | | | C | NEWTON WTR. + SWP. COMM. |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 | 41 02 | 74 30 | 870 | | 8A | | | C | NEWARK WATER DEPT. |
| OLDWICK | 6544 | HUNTERDON | 10 | 40 40 | 74 45 | 260 | 8A | | | | C | DAN A. COUGHLIN |
| ORANGE | 6560 | ESSEX | 8 | 40 47 | 74 14 | 140 | MID | | | | C | COUNTY ENGINEER |
| PATERSON | 6775 | PASSAIC | 8 | 40 54 | 74 09 | 100 | 8A | 8A | | | H | P. J. DEL VECCHIO |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 | 39 58 | 74 38 | 80 | 5P | 5P | 5P | | | H. PHILIP E. MARUCCI |
| PHILLIPSBURG | 6874 | WARREN | 2 | 40 41 | 75 12 | 182 | 3P | 3P | | | H | SEWAGE DISPOSAL PLANT |
| PHILLIPSBURG BRIDGE | 6979 | WARREN | 2 | 40 42 | 75 12 | 196 | 9A | | | | C | JOINT TOLL BRIDGE COMM. |
| PLAINFIELD | 7079 | UNION | 10 | 40 36 | 74 25 | 120 | 8P | 8P | | | H | MRS. VIVIAN SCHERER |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 | 40 20 | 74 40 | 60 | MID | | | | C | PRINCETON WATER CO. |
| RAHWAY | 7393 | UNION | 9 | 40 36 | 74 15 | 20 | MID | | | | C | RAHWAY VLY. SWG. AUTH. |
| RINGWOOD | 7587 | PASSAIC | 8 | 41 08 | 74 16 | 305 | 10A | | | | C | ND. JERSEY WTR. SUPPLY |
| SHILOH | 8051 | CUMBERLAND | 2 | 39 28 | 75 18 | 120 | 5P | 5P | | | C | EVERETT DICKINSON |
| SDMERVILLE | 8194 | SOMERSET | 10 | 40 34 | 74 37 | 75 | 6P | 6P | | | H | W. E. HAVER |
| SPLIT ROCK POND | 8402 | MORRIS | 8 | 40 58 | 74 28 | 800 | 10A | | | | C | JERSEY CITY G. P. W. |
| SPRINGFIELD | 8423 | UNION | 1 | 40 43 | 74 18 | - | | | | | C | M. J. DEPT. OF CONS. |
| SUSSEX | 8644 | SUSSEX | 5 | 41 13 | 74 37 | 440 | 7A | 7A | | | C | BRICE B. STANTON |
| TOMS RIVER | 8816 | OCEAN | 1 | 39 57 | 74 13 | 10 | 6P | 6P | | | C | TOMS RIVER WATER CO. |
| TRANQUILITY 2 W | 8858 | WARREN | 2 | 40 57 | 74 50 | 551 | | | | | C | H. J. ERVEY |
| TRENTON WB CITY | 8883 | MERCER | 2 | 40 13 | 74 46 | 54 | MID | MID | | | C | U.S. WEATHER BUREAU |
| TUCKERTON | 8899 | OCEAN | 1 | 39 36 | 74 20 | 10 | 6P | 6P | | | C | REV. WALTER T. GANDEK |
| WAKADUE RAYMOND DAM | 9167 | PASSAIC | 8 | 41 03 | 74 18 | 320 | 8A | | | | C | WATER SUPPLY COMM. |
| WATCHUNG | 9271 | UNION | 8 | 40 40 | 74 25 | - | | | | | C | BONNIE BURN SANITARIUM |
| WERTSVILLE | 9363 | HUNTERDON | 10 | 40 27 | 74 48 | 160 | 7A | | | | C | ROBERT M. MANNERS |
| WEST WHARTON | 9608 | MORRIS | 8 | 40 54 | 74 36 | 480 | 7A | | | | C | N. J. POWER & LIGHT CO. |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 | 41 01 | 74 03 | 103 | MID | | | | C | HACKENSACK WATER CO. |
| WOODSTOWN | 9910 | SALEM | 2 | 39 39 | 75 19 | 50 | 5P | 5P | | | C | CREAM VALLEY DAIRY |

1-CASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-MORRIS; 7-MULICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at Weather Bureau Office, c/o General Delivery, Trenton, New Jersey or to any Weather Bureau Office near you.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, either are missing or were received too late to be included in this issue.

Divisions, as used in "Climatological Data" Table and on the maps, became effective with data for September 1956.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches and wind movement in miles. Monthly degree day totals are the sums of the negative departures of average daily temperatures from 65° F.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table. Max and Min in "Evaporation and Wind" Table refer to extremes of temperature of water in pan as recorded during 24 hours ending at time of observation.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Water equivalent values published in the "Snowfall and Snow on Ground" Table are the water equivalent of snow, sleet, or ice on the ground. Samples for obtaining measurements are taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

Entries of snowfall in the "Climatological Data" Table and the "Snowfall and Snow on Ground" Table, and in the "Seasonal Snowfall" Table include snow and sleet. Entries of snow on ground include snow, sleet and ice.

Data in the "Extremes Table"; "Daily Precipitation" Table; "Daily Temperature" Table; and "Evaporation and Wind" Table; and snowfall in the "Snowfall and Snow on Ground" Table, when published, are for the 24 hours ending at time of observation. The Station Index shows observation times in local standard time. During the summer months some observers take the observations on daylight saving time.

Snow on ground in the "Snowfall and Snow on Ground" Table is at observation time for all except Weather Bureau and FAA stations. For these stations snow on ground values are at 7:00 a.m., E.S.T.

In the Station Index the letters C, G, H, and J in the "Special" column under the heading "Observation Time and Tables", indicate the following:

- C Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in "Hourly Precipitation Data" Bulletin.
- G "Soil Temperature" Table.
- H "Snowfall and Snow on Ground" Table. Omission of data in any month indicates no snowfall and/or snow on ground in that month.
- J "Supplemental Data" Table.

OTHER REFERENCE NOTES

No record in the "Climatological Data" Table and the "Daily Temperature" Table is indicated by no entry.

Interpolated values for monthly precipitation totals may be found in the annual issue of this publication.

- No record in the "Supplemental Data" Table; "Daily Precipitation" Table; "Evaporation and Wind" Table; "Daily Soil Temperature" Table, "Snowfall and Snow on Ground" Table; and the Station Index.

+ And also on an earlier date or dates.

++ Fastest observed one minute wind speed. This station is not equipped with automatic wind instruments.

* Amount included in following measurement, time distribution unknown.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

// Gage is equipped with a windshield.

AR This entry in time of observation column in Station Index means after rain.

B Adjusted to a full month.

D Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" Table for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

R Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data.)

SS This entry in time of observation column in Station Index means observation made near sunset.

T Trace, an amount too small to measure.

V Includes total for previous month.

X Observation time is 1:00 a.m., E.S.T. of the following day.

VAR This entry in time of observation column in Station Index means variable.

General weather conditions in the U. S. for each month are described in the publications MONTHLY WEATHER REVIEW, MONTHLY CLIMATOLOGICAL DATA-NATIONAL SUMMARY, and STORM DATA, all of which may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Information concerning the history of changes in locations, elevations, exposure etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data for the respective stations, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual; \$2.50 per year. (Yearly subscription includes the Annual Summary). Checks, and money orders should be made payable to the Superintendent of Documents. Remittance and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

NJ

U. S. DEPARTMENT OF COMMERCE
LUTHER H. HODGES, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

NEW JERSEY

ANNUAL SUMMARY 1961
Volume 66 No. 13



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AVERAGE TEMPERATURES AND DEPARTURES FROM LONG-TERM MEANS

NEW JERSEY
1961

Table 1

| STATION | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|------------------------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|-------------|-----------|
| | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure | Temperature | Departure |
| ATLANTIC CITY WB AP | 26.9 | - 7.7 | 36.1 | 1.5 | 43.0 | 1.5 | 49.1 | - 1.0 | 59.2 | - 1.0 | 69.4 | - .3 | 76.6 | 2.3 | 74.9 | 2.0 | 73.4 | 6.0 | 58.1 | 1.5 | 47.7 | 1.2 | 35.1 | - 1.6 | 54.1 | - .3 |
| ATLANTIC CITY | 28.8 | - 7.0 | 36.4 | 1.0 | 42.0 | .5 | 46.8 | - 2.6 | 55.4 | - 3.7 | 66.9 | - 1.8 | 74.7 | 1.1 | 74.3 | 1.2 | 72.3 | 4.0 | 60.4 | 2.4 | 50.3 | 2.2 | 39.0 | - .8 | 54.0 | - .1 |
| AUDUBON | 27.0 | | 36.6 | | 43.3 | | 50.3 | | 60.2 | | 71.5 | | 76.6 | | 75.0 | | 73.7 | | 58.3 | | 48.2 | | 34.5 | | 54.6 | |
| BELLEPLAIN STA FOREST | | | | | | | | | 60.1 | | 69.9 | | 75.2 | | 74.0 | | 72.4 | | 57.8 | | 47.6 | | 34.7 | | | |
| BELVIOERE | 21.0 | - 9.1 | 31.0 | - .2 | 39.5 | - .2 | 46.1 | - 4.8 | 58.3 | - 4.0 | 69.2 | - 1.6 | 73.1 | - 2.4 | 71.2 | - 1.5 | 69.8 | 3.8 | 55.8 | .9 | 44.8 | 2.1 | 30.4 | - 1.6 | 50.9 | - 1.5 |
| BOONTON 2 SE | 20.9 | - 8.2 | 30.8 | 1.5 | 37.8 | .1 | 45.8 | - 2.9 | 56.9 | - 2.4 | 67.7 | - .2 | 72.7 | - .3 | 71.7 | .9 | 70.0 | 6.5 | 55.2 | 1.7 | 44.1 | 1.9 | 30.9 | - .7 | 50.4 | - .2 |
| BURLINGTON | 27.1 | - 7.5 | 35.9 | 1.1 | 44.1M | 1.4 | 49.5M | - 3.5 | 61.6 | - 2.7 | 71.0 | - 1.8 | 77.2M | - .1 | 75.9 | .4 | 75.1 | 6.3 | 59.1 | 1.1 | 48.7M | 2.3 | 35.0 | - 1.0 | 55.0 | - .4 |
| CANOE BROOK | 20.3 | - 8.8 | 29.9 | .6 | 38.4 | .5 | 45.6M | - 2.7 | 56.5 | - 2.4 | 69.0 | 1.1 | 73.5 | .4 | 72.1 | 1.0 | 70.4 | 6.3 | 55.0 | 1.1 | 44.0 | 1.3 | 29.8 | - 1.5 | 50.4 | - .2 |
| CAPE MAY 3 W | 31.8 | | 36.9 | | 44.5M | | 50.0M | | 59.0M | | 68.1M | | 75.9 | | 76.1 | | 74.5M | | 61.5 | | 50.6M | | 39.0M | | 55.6 | |
| CHARLOTTEBURG | 19.8M | - 9.2 | 29.1 | - .1 | 36.1 | - 1.2 | 44.1 | - 3.9 | 55.1 | - 3.8 | 66.2 | - .6 | 71.1 | - .1 | 69.8 | - .4 | 68.8 | 6.2 | 54.2 | 1.5 | 42.9 | .9 | 29.8 | - 1.3 | 48.9 | - 1.0 |
| CHATSORTH | 24.8 | | 35.6 | | 43.1 | | 48.7 | | 59.2 | | 70.3 | | 74.9 | | 73.6 | | 72.1 | | 57.6 | | 48.0 | | 33.4M | | 53.5 | |
| CLAYTON | 25.0 | | 36.1 | | 43.4 | | 48.5 | | 59.1M | | 70.6 | | 75.3 | | 73.6 | | 73.1 | | 55.8M | | 45.5 | | 31.3 | | 53.1 | |
| ELIZABETH | 23.5 | - 9.6 | 33.1 | - .1 | 41.4 | M | 48.3 | - 3.4 | 59.3 | - 3.0 | 70.7 | - .3 | 75.2 | - .8 | 73.3 | - .9 | 73.0 | 5.8 | 59.2 | 2.4 | 46.8 | 1.4 | 32.5 | - 2.3 | | |
| ESSEX FIELDS SERV BLOC | | | | | | | | | 58.7M | | 68.6 | | 73.2M | | 72.2 | | 70.3M | | 55.1M | | 43.4 | | 30.3M | | | |
| FLEMINGTON 1 NE | 21.8 | -10.1 | 32.0 | - .3 | 40.8 | .0 | 46.8 | - 4.3 | 58.4 | - 3.7 | 70.0 | - .8 | 74.8 | - .9 | 73.5 | - .1 | 71.1 | 4.3 | 56.7 | .6 | 45.7 | 1.3 | 31.4 | - 2.1 | 51.9 | - 1.4 |
| FREEMOHO | 25.6 | - 7.4 | 34.8 | 2.0 | 41.1 | .7 | 47.3 | - 3.2 | 58.7 | - 3.0 | 70.0 | - .3 | 74.8 | - .3 | 73.1 | .0 | 71.8 | 5.4 | 57.8 | 1.7 | 47.2 | 2.0 | 33.8 | - .9 | 53.0 | - .3 |
| HANNINGTON 2 NNE | 26.3 | - 8.4 | 34.5 | .1 | 43.0 | .6 | | | 60.0 | - 2.8 | 70.1M | 1.4 | 76.8 | .6 | 75.4 | 1.2 | 73.3 | 5.7 | 57.5 | 2.2 | 47.5 | 4.4 | 33.6 | - 2.5 | | |
| HIGH POINT PARK | 18.6 | | 27.0 | | 32.2 | | 41.0 | | 53.0 | | 65.1M | | 69.5 | | 66.7 | | 66.9 | | 52.2 | | 39.3 | | 27.7M | | 46.6 | |
| HIGHTSTOWN 1 N | 24.7 | - 8.0 | 34.3 | 1.6 | 41.9 | 1.2 | 48.3 | - 2.3 | 59.5 | - 1.9 | 70.9 | 1.1 | 75.0 | .0 | 73.4 | .6 | 71.0 | 4.9 | 57.4 | 1.4 | 46.6 | 1.6 | 32.8 | - 1.5 | 53.0 | - .1 |
| INDIAN HILLS 2 W | 24.7 | - 9.1 | 34.8 | 1.0 | 41.9 | .6 | 48.3 | - 2.9 | 58.1 | - 4.0 | 69.3 | - 1.0 | 74.3 | - .6 | 72.8 | - .1 | 71.2 | 4.2 | 56.0 | - .1 | 45.8 | .9 | 32.4 | - 2.6 | 52.5 | - 1.1 |
| JERSEY CITY | 25.1 | - 7.8 | 34.0 | 1.3 | 38.5 | - 1.8 | 46.5 | - 3.9 | 56.9 | - 4.5 | 69.2 | - 1.1 | 74.4 | - 1.3 | 72.9 | - 1.1 | 71.7 | 4.7 | 57.4 | .4 | 45.5 | 1.6 | 33.2 | - .4 | 52.1 | - 1.2 |
| LAMBERTVILLE | 23.4 | - 8.4 | 33.2 | .9 | 41.6 | 1.4 | 47.8 | - 2.9 | 59.1 | - 2.5 | 70.8 | .8 | 74.6 | - .3 | 73.8 | .9 | 72.1 | 6.1 | 57.9 | 2.3 | 47.0 | 2.8 | 32.6 | - 1.1 | 52.9 | - .1 |
| LAURELTON 1 E | | | | | | | | | 49.3M | - 1.3 | | | | | | | | | | | | | | | | |
| LAYTON 3 NW | 17.3M | - 9.7 | 29.2 | 1.5 | 38.0 | 1.7 | 44.5 | - 2.9 | 55.5 | - 2.9 | 66.8 | - .5 | 72.1 | .3 | 70.2 | .5 | 68.5 | 6.4 | 54.4 | 2.7 | 42.6 | 2.6 | 28.5 | - .3 | 49.0 | .0 |
| LITTLE FALLS | 24.9 | - 6.4 | 33.4 | 1.9 | 40.5 | .8 | 47.5 | - 2.9 | 58.0 | - 3.3 | 70.3 | .6 | 75.3 | .4 | 73.9 | 1.1 | 72.9 | 7.2 | 57.3 | 1.7 | 46.8 | 2.5 | 33.3 | - .3 | 52.8 | .2 |
| LONG BRANCH | 26.1 | - 7.2 | 35.1 | 2.2 | 40.2 | .0 | 47.3 | - 2.2 | 57.3 | - 2.5 | 69.0 | - .2 | 74.9 | .3 | 73.6 | .8 | 72.2 | 6.1 | 57.8 | 1.6 | 47.4 | 1.9 | 34.8 | - .4 | 53.0 | .1 |
| LONG VALLEY | 19.7 | | 31.6 | | 38.6 | | 44.8 | | 57.6M | | 67.9 | | 72.2 | | 71.0 | | 68.7 | | 54.6 | | 44.0 | | 29.4 | | 50.0 | |
| MILLVILLE | 27.0 | | 35.3 | | 43.4 | | 50.2M | | 60.0 | | 70.0 | | 76.6 | | 75.3 | | 74.0 | | 57.4 | | 48.3 | | 35.0M | | 54.4 | |
| MILLVILLE FAA AIRPORT | 25.5 | | 35.3 | | 43.3 | | 49.3 | | 59.2 | | 70.0 | | 76.0 | | 74.4 | | 73.4 | | 57.0 | | 47.1 | | 33.6 | | 53.7 | |
| MOORESTOWN | 26.1 | - 7.1 | 34.4 | 1.2 | 41.7 | .6 | 48.8 | - 2.2 | 58.8 | - 2.9 | 69.7 | - .5 | 74.9 | - .3 | 73.4 | .3 | 72.1 | 5.8 | 56.5 | .6 | 46.9 | 2.1 | 33.0 | - 1.8 | 53.0 | - .4 |
| MORRIS PLAINS | 21.6 | | 31.5 | | 37.9 | | 45.6 | | 56.5 | | 67.2 | | 72.5 | | 71.2 | | 70.8 | | 55.8 | | 44.3 | | 30.4 | | 50.4 | |
| NEWARK WB AIRPORT | 26.6 | - 4.9 | 35.8 | 4.1 | 41.2 | .7 | 48.6 | - 1.4 | 59.7 | - 1.4 | 71.9 | 1.4 | 77.3 | - 2.0 | 75.8 | 2.7 | 74.5 | 7.7 | 59.5 | 3.9 | 47.4 | 2.5 | 33.8 | - .2 | 54.4 | - 1.5 |
| NEW BRUNSWICK EXP STA | 25.2 | - 7.4 | 34.8 | 2.2 | 41.7 | 1.1 | 47.4 | - 3.4 | 58.5 | - 3.2 | 70.4 | .4 | 74.8 | - .3 | 73.0 | - .1 | 71.5 | 4.9 | 57.7 | 1.5 | 46.7 | 1.7 | 32.7 | - 1.5 | 52.9 | - .3 |
| NEW MORMOUTH | | | | | | | | | 58.3 | | 70.3 | | 75.2 | | 73.8 | | 72.2 | | 59.0 | | 48.3 | | 34.5 | | | |
| NEWTON | 17.5 | -10.4 | 27.7 | - .4 | 36.4 | - .5 | 44.1 | - 4.1 | 55.8 | - 3.6 | 67.5 | .0 | 71.6 | - .9 | 71.0 | .8 | 68.8 | 5.7 | 53.0 | .1 | 42.4 | 1.3 | 29.1 | - .8 | 48.8 | - 1.0 |
| PATERSON | 25.4 | - 6.5 | 34.5 | 2.5 | 40.5 | .6 | 48.2 | - 2.7 | 59.1 | - 3.0 | 71.9 | 1.2 | 76.4 | .5 | 74.6 | 1.0 | 73.4 | 7.0 | 58.6 | 2.3 | 47.5 | 2.7 | 33.9M | - .2 | 53.7 | .5 |
| PEMBERTON 3 E | 25.3 | - 9.1 | 35.4 | 1.2 | 43.3 | 1.0 | 48.0 | - 2.1 | 59.1 | - 3.9 | 69.8 | - 1.4 | 74.5 | - 1.2 | 73.1 | - .9 | 71.6 | 4.1 | 57.1 | .1 | 47.1 | 1.0 | 32.7 | - 3.0 | 53.1 | - 1.3 |
| PHILLIPSBURG | 21.2 | - 6.2 | 32.4 | 1.5 | 41.6 | 2.3 | 48.0 | - 2.2 | 59.9 | - 1.5 | M | | 75.3 | .9 | 73.4 | 1.1 | 72.6 | 7.4 | 57.2 | 5.0 | 47.3 | 4.4 | 35.2 | - .7 | | |
| PLAINFIELD | 24.6 | - 7.6 | 34.3 | 1.9 | 41.0 | .8 | 47.8 | - 2.9 | 58.8 | - 2.5 | 70.5 | .6 | 74.8 | - .3 | 73.6 | .5 | 72.5 | 6.4 | 58.1 | 2.2 | 46.9 | 2.3 | 33.1 | - 1.0 | 53.0 | .0 |
| SMILOM | 27.3 | - 7.5 | 35.9 | 1.1 | 43.7 | .9 | 49.8 | - 2.7 | 60.1 | - 3.2 | 70.3 | - 1.5 | 75.9 | - .7 | 74.4 | - .3 | 72.6 | 4.6 | 58.2 | .9 | 47.9 | 1.8 | 35.4 | - .7 | 54.3 | - .6 |
| SOMERVILLE | 22.4 | - 9.1 | 33.3 | 1.4 | 40.3 | .3 | 46.9 | - 3.4 | 58.4 | - 2.8 | 70.3 | .5 | 74.5 | - .2 | 73.1 | .3 | 71.6 | 5.6 | 56.4 | .9 | 45.8 | 2.0 | 31.4 | - 1.8 | 52.1 | - .5 |
| SUSSEX | 17.8 | -10.4 | 27.1 | - 2.0 | 36.2 | - 1.7 | 43.2 | - 6.1 | 55.4 | - 5.0 | 66.7 | - 2.2 | 71.2 | - 2.2 | 69.6 | - 1.6 | 69.1 | 5.3 | 53.3 | - .3 | 41.7 | - .4 | 28.8 | - 1.8 | 48.3 | - 2.4 |
| TOMS RIVER | 26.7 | | 36.3 | | 41.8 | | 48.0 | | 58.5 | | 71.3M | | M | | 73.1M | | 72.6 | | 58.3 | | 47.1 | | 34.9 | | | |
| TRENTON WB CITY | 26.4 | - 6.2 | 35.7 | 3.0 | 41.6 | .3 | 48.6 | - 2.1 | 59.1 | - 2.7 | 70.6 | - .2 | 75.8 | .5 | 74.1 | .9 | 72.9 | 5.9 | 58.0 | 1.9 | 47.4 | 1.8 | 33.9 | - 1.1 | 53.7 | .2 |
| TUCKERTON | 26.0 | | 35.5 | | 42.6 | | 48.7 | | 58.2 | | 69.3 | | 74.8 | | 74.1 | | 71.4 | | 58.0 | | 47.6 | | 35.1 | | 53.4 | |
| WOOSTOWN | 25.4 | | 35.1M | | 43.5M | | 49.8M | | 59.8 | | 72.1M | | 76.4M | | 74.4 | | 73.5M | | 57.8 | | 48.5M | | 33.0M | | 54.1 | |
| DIVISIONAL AVERAGES | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN | 21.8 | - 8.7 | 31.5 | .7 | 38.8 | - .2 | 46.1 | - 3.6 | 57.4 | - 3.3 | 68.9 | - .3 | 73.6 | - .6 | 72.1 | .0 | 70.8 | 5.8 | 56.0 | 1.3 | 44.8 | 1.5 | 31.1 | - 1.4 | 51.1 | - .7 |
| SOUTHERN | 25.9 | - 7.9 | 35.4 | 1.7 | 42.7 | 1.2 | 48.8 | - 2.5 | 59.3 | - 2.8 | 70.3 | - .4 | 75.6 | .1 | 74.0 | .5 | 72.6 | 5.7 | 57.6 | 1.0 | 47.4 | 1.9 | 34.0 | - 1.2 | 53.6 | - .3 |
| COASTAL | 28.9 | - 5.9 | 36.1 | 2.0 | 42.2 | 1.5 | 48.0 | - 1.7 | 57.2 | - 2.7 | 68.0 | - 1.4 | 75.2 | .5 | 74.7 | 1.1 | 73.0 | 5.3 | 59.9 | 1.9 | 49.4 | 2.3 | 37.6 | .7 | 54.2 | .3 |

A narrative Special Weather Summary appeared in the January, February, April, May, July, September, October, November and December of this publication for 1961.

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM LONG-TERM MEANS

NEW JERSEY
1961

| Station | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|-----------------------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|---------------|-----------|
| | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure | Precipitation | Departure |
| ATLANTIC CITY WB AP | 4.06 | +58 | 4.51 | 1.53 | 6.36 | 3.01 | 3.12 | -21 | 3.17 | +19 | 3.00 | -01 | 3.40 | -130 | 1.73 | -2.85 | 3.36 | -01 | 4.73 | 1.68 | 2.83 | -29 | 3.38 | +30 | 43.65 | 3.64 |
| ATLANTIC CITY | 3.04 | -74 | 4.10 | .86 | 5.48 | 1.95 | 2.86 | +54 | 3.05 | .07 | 1.29 | -1.70 | 3.36 | -1.42 | 2.12 | -2.60 | 3.36 | -15 | 3.49 | .28 | 3.76 | .44 | 3.25 | -06 | 39.16 | -2.61 |
| AUGUBON | 2.91 | | 3.90 | | 5.46 | | 4.65 | | 3.58 | | 3.39 | | 6.50 | | 3.28 | | 2.62 | | 2.32 | | 1.96 | | 3.51 | | 44.08 | |
| BASS RIVER ST FOREST | E4.08 | | E4.36 | | 6.23 | | 4.29 | | 3.93 | | 2.88 | | 2.07 | | 1.91 | | 4.46 | | 4.53 | | 2.65 | | 3.87 | | E45.24 | |
| BELLEPLAIN STA FOREST | - | | - | | - | | - | | 3.23 | -84 | 4.45 | 2.02 | 5.06 | .88 | 1.23 | -4.65 | 2.88 | -1.16 | 5.06 | 1.42 | 2.86 | -1.32 | 2.85 | -68 | - | - |
| BELMAR | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | - |
| BELVIDERE | 2.66 | -1.12 | 3.33 | .30 | 4.15 | -0.09 | 5.48 | 1.54 | 3.45 | -78 | 2.25 | -2.15 | 7.10 | 1.73 | 6.51 | 1.35 | 2.03 | -1.70 | 1.18 | -2.23 | 3.36 | -67 | 3.16 | -48 | 44.66 | -4.30 |
| BERNARDSVILLE 2 E | 3.36 | | 4.04 | | 6.22 | | 6.59 | | 3.05 | | 2.01 | | 5.81 | | 3.97 | | 1.64 | | 3.24 | | 2.78 | | 3.27 | | 41.99 | |
| BLACKWELLS HILLS | 2.63 | | 2.93 | | 6.19 | | 5.64 | | 3.41 | | 2.45 | | 5.60 | | 6.43 | | 2.88 | | 2.30 | | 2.12 | | 3.27 | | 45.85 | |
| BOUNTON 2 SE | 2.45 | +84 | 3.48 | .91 | 5.28 | 1.27 | 6.02 | 2.32 | 3.00 | -1.35 | 2.96 | -1.10 | 5.27 | 1.07 | 4.03 | -93 | 1.64 | -2.64 | 2.21 | -1.01 | 2.79 | -1.33 | 3.29 | .05 | 42.42 | -3.58 |
| BOUNO BROOK 1 W | 1.47 | | 1.99 | | 5.64 | | 5.39 | | 3.21 | | 2.27 | | 5.04 | | 4.73 | | 1.99 | | 1.84 | | 2.77 | | 3.80 | | 40.14 | |
| BRANCHVILLE | 2.31 | | 3.96 | | 4.36 | | 4.40 | | 4.60 | | 2.93 | | 5.02 | | 5.73 | | 1.61 | | 1.19 | | 3.96 | | 3.21 | | 43.28 | |
| BURLINGTON | 3.70 | .35 | 2.87 | .13 | 7.61 | 3.10 | 5.55 | 2.13 | 3.62 | +46 | 2.49 | -1.24 | 10.23 | 5.99 | 5.49 | .90 | 2.90 | -83 | 2.29 | -1.03 | 1.85 | -1.89 | 3.69 | .75 | 52.29 | 7.90 |
| CANISTEAR RESERVOIR | 3.25 | | 4.06 | | 5.38 | | 4.85 | | 3.91 | | 2.60 | | 4.04 | | 3.02 | | 1.39 | | 1.61 | | 2.93 | | 2.66 | | 39.70 | |
| CANOE BROOK | 3.44 | +37 | 3.08 | .26 | 5.69 | 1.33 | 6.38 | 2.52 | 2.84 | -1.69 | 2.26 | -1.95 | 5.29 | .67 | 3.80 | -1.62 | 2.28 | -2.11 | 2.12 | -1.12 | 2.81 | -1.42 | 3.69 | .17 | 43.68 | -5.33 |
| CANTON | E1.71 | | E3.02 | | 4.61 | | 6.19 | | 3.01 | | 3.88 | | 4.14 | | 3.52 | | 3.12 | | 3.07 | | 2.03 | | 3.17 | | E41.47 | |
| CAPE MAY 3 W | 2.83 | | 5.65 | | 4.87 | | 3.25 | | 4.15 | | 5.06 | | 3.38 | | 2.65 | | 3.62 | | 4.01 | | 1.74 | | 4.12 | | 45.33 | |
| CEAR GROVE | 2.66 | | 2.54 | | 5.55 | | 8.00 | | 3.22 | | 3.13 | | E6.92 | | 6.26 | | 3.78 | | E2.23 | | 2.76 | | 3.58 | | E50.63 | |
| CHARLOTTEBURG | 3.19 | +60 | 3.99 | .97 | 5.78 | 1.19 | 5.90 | 1.81 | 4.43 | .02 | 2.49 | -2.00 | 6.65 | 1.92 | 4.26 | +72 | 1.43 | -2.97 | 2.02 | -1.75 | 3.51 | -1.18 | 3.12 | -83 | 46.77 | -4.14 |
| CHATHAM | 2.89 | +98 | 3.38 | .31 | 6.04 | 1.47 | 6.09 | 2.10 | 2.55 | -1.88 | 2.13 | -2.09 | 5.42 | .86 | 3.48 | -2.05 | 2.38 | -2.09 | 1.94 | -1.29 | 3.18 | -1.13 | 3.29 | +50 | 42.77 | -7.27 |
| CHATHSWORTH | 3.73 | | 4.21 | | 6.14 | | E4.30 | | 4.05 | | 3.86 | | 3.36 | | 7.17 | | 4.10 | | 3.26 | | 2.10 | | 3.04 | | E49.32 | |
| CLAYTON | 3.38 | | 3.39 | | 5.16 | | 4.62 | | 2.64 | | 2.37 | | 6.27 | | 3.08 | | 1.58 | | 1.85 | | 1.42 | | 3.75 | | 37.05 | |
| CLINTON | 3.00 | | 4.49 | | 4.17 | | 6.41 | | 2.95 | | 1.80 | | 7.16 | | 3.27 | | 1.56 | | 1.42 | | 2.80 | | 3.52 | | 51.55 | |
| ELIZABETH | 3.52 | +63 | 3.69 | .63 | 6.43 | 1.96 | 6.82 | 2.96 | 3.16 | -1.18 | 2.93 | +98 | 10.41 | 6.03 | 2.81 | -2.20 | 2.16 | -2.18 | 2.98 | +33 | 2.40 | -1.52 | 2.74 | +68 | 50.05 | 1.88 |
| ELIZABETHPORT | 2.14 | | 2.87 | | 5.48 | | 6.30 | | 3.34 | | 2.54 | | 10.12 | | 4.04 | | 1.81 | | 2.48 | | 2.34 | | 3.41 | | 46.87 | |
| ESSEX FELS SERV BLOC | E2.66 | | E2.54 | | E5.55 | | 7.10 | | E3.59 | | 2.23 | | 5.82 | | 5.42 | | 1.59 | | 2.00 | | 3.73 | | E4.54 | | E46.77 | |
| FLEENINGTON 1 NE | 2.27 | -1.09 | 3.72 | 1.09 | 5.15 | 1.02 | 5.72 | 2.07 | 3.14 | -1.20 | 2.01 | -1.91 | 6.77 | 2.39 | 3.90 | -1.43 | 2.28 | -1.21 | 1.88 | -1.30 | 1.84 | -1.92 | 4.05 | .70 | 42.73 | -2.79 |
| FORTESCUE | 2.87 | | 3.97 | | 4.92 | | 3.89 | | 4.03 | | 5.33 | | 3.60 | | 1.93 | | 4.78 | | 3.49 | | 2.39 | | 3.01 | | 44.13 | |
| FREEMO | 3.35 | +29 | 3.48 | .53 | 6.19 | 1.99 | 5.71 | 2.15 | 3.46 | -67 | 2.96 | -75 | 9.19 | 5.17 | 4.11 | -89 | 2.49 | -1.38 | 2.82 | -070 | 2.60 | -1.66 | E3.92 | .54 | E50.30 | 4.24 |
| GREENWOOD LAKE | 4.23 | | 5.19 | | 5.25 | | 5.89 | | 4.79 | | 2.64 | | 4.25 | | 5.31 | | 1.99 | | 1.60 | | 3.65 | | 3.54 | | 48.33 | |
| HANMONTON 2 NNE | 3.29 | +40 | 3.90 | .84 | 5.19 | .89 | E4.57 | .90 | 3.15 | -1.00 | 3.27 | -77 | 5.62 | 1.43 | 5.28 | -67 | 2.25 | -1.24 | 2.67 | -1.00 | 1.36 | -2.41 | 3.17 | .05 | 43.72 | -3.38 |
| HIGH POINT PARK | 1.39 | | 2.62 | | 3.47 | | 3.64 | | 4.76 | | 4.14 | | 3.71 | | 3.50 | | 2.08 | | 2.05 | | E6.81 | | 2.10 | | E40.27 | |
| HIGHTSTOWN 1 N | 2.42 | +86 | 2.86 | .27 | 5.75 | 1.85 | 5.43 | 2.13 | 3.51 | -33 | 3.13 | -87 | 8.82 | 4.57 | 4.01 | -76 | 2.67 | -1.44 | 2.36 | +91 | 2.20 | -1.27 | 3.67 | .75 | 46.83 | 3.13 |
| INOTIAN HILLS 2 W | 3.32 | +40 | 4.13 | 1.21 | 5.71 | 1.47 | 4.80 | 1.34 | 3.07 | -1.03 | 3.76 | +29 | 2.37 | -1.47 | 5.86 | .25 | 3.48 | .03 | 3.48 | .13 | 1.71 | -2.09 | 3.58 | .42 | 45.23 | -4.3 |
| IRVINGTON | 2.77 | | 3.48 | | 5.27 | | 6.03 | | 2.61 | | 1.70 | | 5.34 | | 3.12 | | 2.09 | | 2.15 | | 2.49 | | 3.90 | | 40.95 | |
| JERSEY CITY | 2.33 | -1.14 | 2.92 | .16 | 5.48 | 1.48 | 7.30 | 3.85 | 3.03 | -92 | 2.57 | +95 | 4.70 | 7.74 | 3.55 | +95 | 2.91 | +95 | 2.64 | +34 | 3.03 | +38 | 3.20 | .02 | 43.66 | .92 |
| LANBERTVILLE | 3.92 | .48 | 2.96 | .37 | 4.74 | .63 | 5.73 | 2.14 | 3.19 | -1.18 | 3.09 | -86 | 7.50 | 3.03 | 4.92 | -46 | 2.80 | -49 | 1.70 | -1.29 | 2.24 | -1.54 | 3.26 | .11 | 46.05 | .94 |
| LAURELTON 1 E | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | | - | - |
| LAYTON 3 NW | 3.17 | .26 | 4.00 | 1.72 | 3.87 | .39 | 4.15 | .38 | 3.67 | +44 | E3.02 | -1.19 | 3.75 | -1.16 | 4.50 | +05 | 2.04 | -1.71 | 1.14 | -2.23 | 5.23 | -1.40 | 4.42 | .68 | 41.96 | -1.95 |
| LITTLE FALLS | 3.24 | +51 | 3.78 | .85 | 5.79 | 1.39 | 6.37 | 2.13 | 2.95 | -1.63 | 2.10 | -2.35 | 6.92 | 2.42 | 4.70 | -57 | 2.09 | -2.51 | 2.06 | -1.43 | 3.28 | -1.12 | 3.66 | -12 | 46.94 | -3.45 |
| LONG BRANCH | 3.38 | +55 | 3.50 | .13 | 6.68 | 2.39 | 5.00 | 1.46 | 4.64 | 1.00 | 2.46 | -1.13 | 9.09 | 5.00 | 3.21 | -2.16 | 3.05 | +96 | 3.63 | .13 | 2.19 | -1.75 | 3.92 | .38 | 50.75 | 3.94 |
| LONG VALLEY | E3.90 | .29 | E3.73 | .87 | 4.52 | .17 | 5.30 | 1.49 | 3.66 | -64 | 2.64 | -1.65 | 7.24 | 2.10 | 4.83 | -48 | 1.45 | -2.44 | 1.73 | -1.71 | 3.41 | +95 | E2.61 | +95 | E45.02 | -3.90 |
| MANAW | 2.50 | | 3.01 | | 5.30 | | 6.09 | | 4.56 | | 2.63 | | 4.93 | | 3.33 | | 2.72 | | 1.87 | | 3.09 | | 3.44 | | 43.47 | |
| MANVILLE | E2.40 | | E3.50 | | 5.65 | | 3.88 | | 3.53 | | 1.92 | | 7.23 | | 4.25 | | 2.00 | | 2.12 | | 2.17 | | E3.33 | | E41.98 | |
| MAYS LANDING | E4.03 | | E4.08 | | E5.52 | | E3.38 | | 3.51 | | 3.37 | | 4.96 | | 1.66 | | 3.72 | | 4.66 | | 3.11 | | 3.43 | | E45.43 | |
| MILOANO PARK | 2.96 | | 2.50 | | 3.31 | | 4.25 | | 3.14 | | 2.37 | | 8.20 | | 3.61 | | 3.79 | | 1.78 | | 3.19 | | 3.28 | | 42.38 | |
| NILLVILLE | 2.89 | | 3.82 | | 5.02 | | 3.01 | | 2.76 | | 3.64 | | 6.97 | | 1.73 | | 2.79 | | 3.97 | | 2.30 | | 2.58 | | 41.48 | |
| NILLVILLE FAA AIRPORT | 3.99 | | 4.27 | | 4.96 | | 2.96 | | 3.31 | | 5.32 | | 7.45 | | 1.89 | | 3.21 | | 6.74 | | 2.37 | | 3.12 | | 49.59 | |
| NILTON | 3.83 | | 3.65 | | 3.62 | | 5.98 | | 4.36 | | 2.82 | | 5.43 | | 7.29 | | 1.73 | | E2.22 | | 3.52 | | 3.77 | | E48.02 | |
| MOORESTOWN | 2.80 | +43 | 3.68 | 1.11 | 5.69 | 1.82 | 5.31 | 1.84 | 3.56 | -77 | 3.28 | -36 | 6.46 | 2.48 | 4.17 | -76 | 3.68 | -19 | 2.29 | -71 | 1.72 | -1.92 | 3.54 | .79 | 45.98 | 2.90 |
| MORRIS PLAINS | 2.40 | | 3.13 | | 5.48 | | 5.89 | | | | | | | | | | | | | | | | | | | |

TEMPERATURE EXTREMES AND FREEZE DATA

NEW JERSEY
1961

Table 3

| Station | Highest | Date | Lowest | Date | Last spring minimum of | | | | | | | | | | First fall minimum of | | | | | | | | | | Number of days between dates | | | | | |
|-----------------------|---------|-------|--------|-------|------------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|-------|-----------------------|-------|--------------|-------|--------------|-------|--------------|-------|--------------|----|------------------------------|--------------|--------------|--------------|--------------|-----|
| | | | | | 16° or below | | 20° or below | | 24° or below | | 28° or below | | 32° or below | | 32° or below | | 28° or below | | 24° or below | | 20° or below | | 16° or below | | 16° or below | 20° or below | 24° or below | 28° or below | 32° or below | |
| | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | | | | |
| | | | | | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | Date | Temp. | | | | | | | | |
| ATLANTIC CITY WB AP | 95 | 9-3 | -8 | 1-22+ | 2-3 | 5 | 3-18 | 17 | 3-18 | 17 | 3-31 | 28 | 4-21 | 32 | 10-28 | 31 | 11-11 | 23 | 11-11 | 23 | 12-14 | 19 | 12-16 | 13 | 316 | 271 | 238 | 225 | 190 | |
| ATLANTIC CITY | 88 | 9-3+ | 1 | 2-2 | 2-3 | 11 | 3-18 | 20 | 3-18 | 20 | 3-18 | 20 | 4-9 | 32 | 12-8 | 31 | 12-9 | 28 | 12-16 | 23 | NONE | NONE | | | - | 273 | 266 | 204 | 154 | |
| AUOUBON | 95 | 9-3+ | -3 | 2-2 | 2-7 | 14 | 3-18 | 18 | 3-18 | 18 | 3-31 | 28 | 4-20 | 32 | 11-9 | 32 | 11-11 | 25 | 12-14 | 23 | 12-15 | 20 | 12-16 | 14 | 312 | 272 | 271 | 225 | 203 | |
| BELLEPLAIN STA FOREST | 96 | 9-3 | - | - | - | - | - | - | 4-21 | 23 | 5-4 | 28 | 5-5 | 32 | 10-5 | 28 | 10-5 | 28 | 11-11 | 16 | 11-11 | 16 | 11-11 | 16 | - | - | 204 | 154 | 153 | |
| BELVIOERE | 93 | 7-1 | -20 | 1-22 | 3-18 | 9 | 3-18 | 9 | 4-9 | 24 | 4-21 | 27 | 5-1 | 32 | 10-5 | 31 | 10-28 | 25 | 11-11 | 20 | 11-11 | 20 | 12-14 | 14 | 271 | 238 | 216 | 190 | 157 | |
| BOONTON 2 SE | 93 | 6-14 | -15 | 1-22 | 3-18 | 13 | 3-19 | 18 | 3-22 | 24 | 4-3 | 28 | 5-1 | 32 | 10-17 | 31 | 10-28 | 26 | 11-11 | 23 | 12-14 | 20 | 12-16 | 6 | 273 | 270 | 234 | 208 | 169 | |
| BURLINGTON | 95 | 9-13+ | -3 | 2-2 | 2-7 | 11 | 3-18 | 18 | 3-18 | 18 | 4-9 | 32 | 11-11 | 26 | 11-11 | 26 | 12-14 | 22 | 12-16 | 15 | 12-16 | 15 | 12-16 | 15 | 312 | 273 | 271 | 238 | 216 | |
| CANOE BROOK | 97 | 7-2 | -21 | 1-22 | 3-18 | 12 | 3-21 | 19 | 4-9 | 24 | 4-20 | 27 | 5-6 | 32 | 10-5 | 31 | 10-28 | 23 | 11-11 | 20 | 12-14 | 13 | 12-14 | 13 | 271 | 235 | 202 | 191 | 152 | |
| CAPE MAY 3 W | 93 | 7-23 | 2 | 2-2 | 2-3 | 9 | 3-18 | 20 | 3-18 | 20 | 3-18 | 20 | 3-21 | 32 | 11-11 | 30 | 12-14 | 28 | 12-16 | 15 | 12-16 | 15 | 12-16 | 15 | 316 | 273 | 273 | 271 | 235 | |
| CHARLOTTEBURG | 90 | 9-6+ | -18 | 1-22 | 3-19 | 12 | 3-21 | 18 | 3-22 | 21 | 5-1 | 28 | 5-6 | 31 | 10-5 | 31 | 10-28 | 25 | 11-11 | 24 | 12-14 | 16 | 12-14 | 16 | 270 | 268 | 234 | 180 | 152 | |
| CHATSWORTH | 94 | 9-4+ | -14 | 1-22 | 3-18 | 12 | 3-18 | 12 | 3-31 | 22 | 4-21 | 26 | 5-4 | 30 | 10-5 | 31 | 10-28 | 26 | 11-11 | 18 | 11-11 | 18 | 12-14 | 16 | 271 | 238 | 225 | 190 | 154 | |
| CLAYTON | 92 | 9-5+ | -5 | 1-21 | 2-7 | 12 | 2-7 | 12 | 3-18 | 21 | 4-21 | 27 | 4-21 | 31 | 10-5 | 30 | 11-9 | 22 | 11-10 | 20 | 12-10 | 20 | 12-8 | 8 | 19 | 304 | 276 | 236 | 221 | 167 |
| ELIZABETH | 96 | 6-13 | -10 | 1-22+ | - | - | - | - | - | - | 4-9 | 28 | 4-20 | 30 | 11-2 | 29 | 11-9 | 26 | 11-11 | 23 | 12-9 | 20 | 12-14 | 15 | - | - | - | 214 | 196 | |
| ESSEX FELS SERV 8LOG | 97 | 6-14 | - | - | - | - | - | - | - | - | 4-21 | 27 | 10-17 | 31 | 10-28 | 26 | 11-11 | 22 | 12-9 | 19 | 12-14 | 15 | - | - | - | - | - | 190 | 179 | |
| FLEMINGTON 1 NE | 98 | 7-23 | -16 | 1-22 | 3-18 | 11 | 3-21 | 17 | 4-9 | 21 | 4-20 | 25 | 5-6 | 31 | 9-30 | 31 | 10-17 | 26 | 10-28 | 22 | 11-11 | 19 | 12-14 | 13 | 271 | 235 | 202 | 180 | 147 | |
| FREEHOLD | 93 | 9-1+ | -8 | 2-2 | 3-18 | 13 | 3-18 | 13 | 3-18 | 13 | 4-9 | 27 | 4-20 | 30 | 10-28 | 32 | 11-10 | 28 | 11-11 | 24 | 12-14 | 18 | 12-16 | 9 | 273 | 271 | 238 | 215 | 191 | |
| HAMMONTON 2 NNE | 96 | 7-24+ | -8 | 2-2 | 3-18 | 11 | 3-18 | 11 | 3-19 | 23 | - | - | - | - | 10-28 | 31 | 11-10 | 28 | 11-11 | 23 | 12-14 | 20 | 12-16 | 10 | 273 | 271 | 237 | - | - | |
| HIGH POINT PARK | 90 | 9-13+ | -16 | 2-2 | 3-19 | 14 | 3-31 | 19 | 4-9 | 21 | 5-1 | 26 | 5-1 | 26 | 10-5 | 28 | 10-5 | 28 | 11-9 | 23 | 11-11 | 18 | 11-28 | 16 | 254 | 225 | 214 | 157 | 157 | |
| HIGHTSTOWN 1 N | 96 | 7-23 | -8 | 1-22 | 3-18 | 15 | 3-18 | 15 | 4-9 | 26 | 4-20 | 32 | 10-28 | 30 | 10-28 | 28 | 10-28 | 28 | 11-11 | 23 | 12-9 | 20 | 12-16 | 10 | 273 | 266 | 238 | 202 | 191 | |
| INOIAN MILLS 2 W | 96 | 7-23 | -12 | 1-22 | 3-18 | 11 | 3-31 | 20 | 4-4 | 23 | 4-21 | 28 | 5-5 | 31 | 9-30 | 32 | 10-28 | 25 | 11-11 | 16 | 11-11 | 16 | 11-11 | 16 | 238 | 225 | 221 | 190 | 148 | |
| JERSEY CITY | 95 | 7-2 | -2 | 2-2 | 3-18 | 16 | 3-18 | 16 | 3-18 | 16 | 3-22 | 28 | 4-9 | 32 | 11-10 | 30 | 11-28 | 28 | 12-14 | 23 | 12-15 | 18 | 12-16 | 11 | 273 | 272 | 271 | 251 | 215 | |
| LAMBERTVILLE | 94 | 7-23+ | -10 | 1-22 | 3-18 | 14 | 3-18 | 14 | 3-31 | 22 | 4-20 | 28 | 5-4 | 32 | 10-17 | 32 | 11-11 | 22 | 11-11 | 22 | 12-14 | 16 | 12-14 | 16 | 271 | 271 | 225 | 205 | 166 | |
| LAURELTON 1 E | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| LAYTON 3 NW | 94 | 9-4 | -29 | 1-22 | 3-21 | 13 | 4-9 | 18 | 5-1 | 24 | 5-6 | 26 | 5-31 | 30 | 9-29 | 32 | 10-5 | 28 | 10-23 | 24 | 10-28 | 18 | 12-4 | 16 | 258 | 202 | 175 | 152 | 121 | |
| LITTLE FALLS | 97 | 9-5 | -11 | 1-22 | 3-18 | 14 | 3-18 | 14 | 3-21 | 23 | 4-9 | 28 | 4-21 | 32 | 10-17 | 32 | 10-28 | 27 | 12-4 | 24 | 12-14 | 20 | 12-16 | 9 | 273 | 271 | 258 | 202 | 179 | |
| LONG BRANCH | 95 | 9-1+ | -3 | 2-2 | 2-3 | 13 | 3-18 | 18 | 3-18 | 18 | 3-18 | 18 | 4-9 | 30 | 10-28 | 32 | 11-11 | 26 | 12-9 | 24 | 12-15 | 20 | 12-16 | 15 | 316 | 272 | 266 | 238 | 202 | |
| LONG VALLEY | 94 | 6-13 | -23 | 1-22 | 3-18 | 10 | 3-21 | 19 | 4-21 | 22 | 5-6 | 28 | 5-6 | 28 | 9-30 | 31 | 10-5 | 28 | 10-28 | 20 | 10-28 | 20 | 12-14 | 16 | 271 | 221 | 190 | 152 | 147 | |
| MILLVILLE | 95 | 9-6+ | -1 | 2-2+ | 2-7 | 15 | 3-18 | 19 | 3-19 | 24 | 3-19 | 24 | 4-10 | 29 | 10-28 | 32 | 11-11 | 24 | 11-11 | 24 | 12-16 | 13 | 12-16 | 13 | 312 | 273 | 237 | 237 | 201 | |
| MILLVILLE FAA AIRPORT | 95 | 7-23 | -10 | 1-22 | 2-7 | 8 | 3-18 | 19 | 3-18 | 19 | 3-31 | 26 | 4-21 | 30 | 10-28 | 30 | 11-10 | 26 | 11-11 | 20 | 11-11 | 20 | 12-16 | 11 | 312 | 238 | 238 | 224 | 190 | |
| MOORESTOWN | 93 | 9-5+ | -6 | 2-2 | 2-7 | 12 | 3-18 | 18 | 3-18 | 18 | 4-20 | 28 | 4-20 | 32 | 10-28 | 30 | 11-10 | 26 | 11-11 | 21 | 12-15 | 16 | 12-15 | 16 | 311 | 272 | 238 | 220 | 191 | |
| MORRIS PLAINS | 96 | 6-14 | -14 | 1-22 | 3-18 | 10 | 3-18 | 10 | 3-31 | 24 | 4-20 | 28 | 5-1 | 31 | 10-5 | 29 | 10-28 | 25 | 11-11 | 22 | 12-14 | 19 | 12-15 | 6 | 272 | 271 | 225 | 191 | 157 | |
| NEWARK WB AIRPORT | 98 | 6-13 | -2 | 2-2 | 2-3 | 5 | 3-18 | 17 | 3-18 | 17 | 3-18 | 17 | 3-22 | 31 | 11-10 | 32 | 12-9 | 26 | 12-14 | 21 | 12-15 | 17 | 12-16 | 13 | 316 | 272 | 271 | 266 | 233 | |
| NEW BRUNSWICK EXP STA | 93 | 6-13 | -6 | 1-22 | 3-18 | 14 | 3-18 | 14 | 3-18 | 14 | 4-9 | 26 | 4-21 | 32 | 10-28 | 28 | 10-28 | 28 | 12-9 | 22 | 12-14 | 17 | 12-16 | 9 | 273 | 271 | 266 | 202 | 190 | |
| NEW MONMOUTH | 95 | 6-13 | - | - | - | - | - | - | - | - | 4-9 | 27 | 4-17 | 31 | 10-28 | 29 | 11-11 | 26 | 12-9 | 23 | 12-14 | 18 | 12-16 | 13 | - | - | - | 216 | 194 | |
| NEWTON | 93 | 7-3+ | -26 | 1-22 | 3-18 | 9 | 3-19 | 19 | 4-20 | 24 | 4-21 | 26 | 5-6 | 31 | 9-30 | 32 | 10-24 | 28 | 10-28 | 21 | 11-11 | 20 | 12-16 | 5 | 273 | 237 | 191 | 186 | 147 | |
| PATERSON | 98 | 6-14 | -4 | 2-2 | 3-18 | 15 | 3-19 | 20 | 3-19 | 20 | 3-22 | 26 | 4-9 | 32 | 10-17 | 32 | 11-11 | 28 | 12-14 | 22 | 12-16 | 12 | 12-16 | 12 | 273 | 272 | 270 | 234 | 191 | |
| PEMBERTON 3 E | 95 | 7-23+ | -12 | 1-22 | 3-18 | 15 | 3-18 | 15 | 4-21 | 24 | 4-21 | 24 | 5-4 | 30 | 10-5 | 31 | 10-28 | 25 | 11-11 | 24 | 12-9 | 12 | 12-16 | 8 | 273 | 266 | 204 | 190 | 154 | |
| PHILIPSBURG | 95 | 6-13 | -15 | 1-22 | 3-18 | 13 | 3-18 | 13 | 3-31 | 22 | 4-9 | 27 | 4-21 | 29 | 10-5 | 32 | 10-28 | 27 | 11-11 | 22 | 12-14 | 19 | 12-16 | 9 | 273 | 271 | 225 | 202 | 167 | |
| PLAINFIELD | 96 | 6-13 | -7 | 1-22 | 3-18 | 14 | 3-18 | 14 | 3-18 | 14 | 4-20 | 28 | 4-20 | 28 | 10-5 | 32 | 10-28 | 27 | 11-11 | 23 | 12-9 | 20 | 12-16 | 10 | 273 | 266 | 238 | 191 | 168 | |
| SHILOH | 94 | 7-23 | -4 | 2-2 | 2-7 | 14 | 3-18 | 18 | 3-18 | 18 | 3-31 | 28 | 4-20 | 32 | 11-9 | 32 | 11-11 | 23 | 11-11 | 23 | 12-15 | 13 | 12-15 | 13 | 311 | 272 | 238 | 225 | 203 | |
| SOMERVILLE | 93 | 9-5+ | -15 | 1-22 | 3-18 | 11 | 3-18 | 11 | 4-4 | 24 | 4-21 | 27 | 5-4 | 31 | 10-5 | 31 | 10-28 | 25 | 11-11 | 20 | 11-11 | 20 | 12-9 | 16 | 264 | 238 | 221 | 190 | 154 | |
| SUSSEX | 90 | 9-2+ | -25 | 1-23+ | 3-19 | 10 | 3-22 | 20 | 4-21 | 24 | 5-6 | 28 | 5-6 | 28 | 10-5 | 32 | 10-28 | 25 | 11-11 | 22 | 11-11 | 20 | 12-14 | 16 | 270 | 241 | 204 | 175 | 152 | |
| TOMS RIVER | 95 | 9-23+ | -14 | 2-2 | 3-18 | 15 | 3-18 | 15 | 3-31 | 23 | 4-21 | 28 | 5-5 | 32 | 10-5 | 30 | 10-28 | 27 | 11-11 | 20 | 11-11 | 20 | 12-16 | 10 | 273 | 238 | 225 | 190 | 153 | |
| TRENTON WB CITY | 96 | 7-23 | -2 | 2-2 | 2-3 | 7 | 3-18 | 17 | 3-18 | 17 | 3-18 | 17 | 4-9 | 32 | 11-10 | 32 | 11-28 | 28 | 12-14 | 21 | 12-15 | 17 | 12-16 | 14 | 316 | 272 | 271 | 255 | 215 | |
| TUCKERTON | 93 | 9-12+ | -9 | 1-22 | 3-18 | 12 | 3-18 | 12 | 3-31 | 22 | 4-9 | 26 | 5-4 | 32 | 10-28 | 28 | 10-28 | 28 | 11-11 | 20 | 11-11 | 20 | 12-14 | 16 | 271 | 238 | 225 | 202 | 177 | |
| WOOSTOWN | 97 | 9-5 | -9 | 1-22 | 2-7 | 9 | 3-18 | 18 | 3-18 | 18 | 4-4 | 27 | 5-4 | 32 | 10-28 | 29 | 11-10 | 26 | 11-11 | 20 | 11-11 | 20 | 12-16 | 12 | 312 | 238 | 238 | 220 | 177 | |

SOIL TEMPERATURES

NEW JERSEY
1961

| Station and Depth | January | | February | | March | | April | | May | | June | | July | | August | | September | | October | | November | | December | | Annual | |
|------------------------------|---------|----------|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|-----------|----------|---------|----------|----------|----------|----------|----------|---------|----------|
| | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes | Average | Extremes |
| <u>NEW BRUNSWICK EXP STA</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <u>PLOT #1</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | 29.7 | 31/26 | 33.7 | 56/30 | 39.5 | 63/29 | 48.7 | 74/31 | 59.5 | 78/44 | 71.8 | 90/58 | 76.1 | --/62 | 74.5 | 83/66 | 72.3 | 83/56 | 59.5 | 71/47 | 47.8 | 65/35 | 36.8 | 46/31 | 54.2 | --/28 |
| 2 INCHES | 30.1 | 31/26 | 33.7 | 52/30 | 38.8 | 62/29 | 48.2 | 72/32 | 58.8 | 76/44 | 71.6 | 89/57 | - | --/-- | 73.9 | 82/67 | 72.1 | 82/57 | 58.3 | 70/57 | 47.7 | 64/35 | 38.8 | 46/31 | - | --/28 |
| 4 INCHES | 29.8 | 32/27 | 33.4 | 51/29 | 38.6 | 60/29 | 47.9 | 66/32 | 58.5 | 75/44 | 70.8 | 88/57 | 73.8 | --/-- | 73.2 | 78/68 | 71.2 | 79/61 | 59.6 | 68/50 | 48.9 | 61/38 | 38.2 | 44/34 | 53.7 | --/27 |
| 8 INCHES | 32.0 | 33/31 | 34.1 | 43/31 | 38.4 | 47/34 | 45.6 | 55/37 | 56.1 | 62/48 | 66.9 | 72/59 | 72.0 | --/66 | 72.4 | 76/68 | 71.0 | 76/63 | 60.2 | 66/52 | 50.2 | 61/40 | 38.4 | 44/35 | 53.2 | --/31 |
| 12 INCHES | 33.2 | 34/32 | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- | - | --/-- |
| 16 INCHES | 34.0 | 35/33 | 34.7 | 40/33 | 38.6 | 43/36 | 45.0 | 52/39 | 54.4 | 59/49 | 64.0 | 67/57 | 69.0 | --/66 | 70.9 | 73/68 | 70.3 | 74/65 | 61.5 | 67/55 | 52.3 | 80/44 | 41.9 | 45/38 | 53.1 | --/33 |
| 32 INCHES | - | --/-- | - | 39/-- | 39.3 | 42/37 | 44.2 | 49/40 | 52.4 | 56/48 | 60.3 | 64/54 | 65.8 | --/63 | 68.8 | 71/67 | 69.0 | 72/65 | 63.0 | 68/57 | 54.6 | 50/49 | 45.1 | 49/42 | - | --/-- |
| <u>PLOT #2</u> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 INCH | 30.3 | 32/26 | 34.3 | 54/29 | 39.7 | 63/30 | 45.7 | 78/32 | 59.1 | 82/39 | 73.2 | 97/54 | 77.7 | --/61 | 75.9 | 94/63 | 73.7 | 94/52 | 57.6 | 78/37 | 45.2 | 71/30 | 33.8 | 47/25 | 53.8 | --/25 |
| 2 INCHES | 30.1 | 32/26 | 34.3 | 54/29 | 39.6 | 63/30 | 47.8 | 77/32 | 58.9 | 81/40 | 72.8 | 95/54 | 77.4 | --/61 | 75.5 | 93/61 | 73.4 | 93/52 | 57.5 | 75/38 | 45.1 | 71/30 | 33.8 | 47/26 | 53.9 | --/26 |
| 4 INCHES | 30.6 | 32/29 | 34.1 | 50/30 | 39.4 | 59/31 | 47.1 | 67/33 | 58.4 | 77/42 | 71.7 | 90/56 | 76.5 | --/63 | 75.0 | 89/63 | 72.9 | 89/55 | 57.6 | 73/40 | 45.5 | 69/31 | 34.3 | 46/28 | 53.6 | --/28 |
| 8 INCHES | 31.6 | 32/30 | 34.4 | 44/31 | 39.2 | 51/33 | 46.6 | 67/36 | 57.0 | 69/45 | 69.5 | 80/59 | 74.6 | --/66 | 73.5 | 81/67 | 71.8 | 81/60 | 58.4 | 89/45 | 47.0 | 64/35 | 35.9 | 44/32 | 53.3 | --/30 |

Monthly averages are obtained by taking the average of max and min values.

Plot # 1 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Kentucky bluegrass. Instrumentation: Copper-constantan thermocouples connected to a Brown Elektronik Potentiometer.

Plot # 2 - Slope of Ground: Flat. Soil Type: Loam. Ground Cover: Barren. Instrumentation: Brown recording Potentiometer with copper-constantan thermocouples.

CHANGES IN STATION NAMES

NEW NAME

BELLEPLAIN STA FOREST
LITTLE FALLS

OLD NAME

BELLEPLAIN
LITTLE FALLS 1 E

DATE

April 1961
March 1961

RELOCATION AND CHANGES OF EQUIPMENT

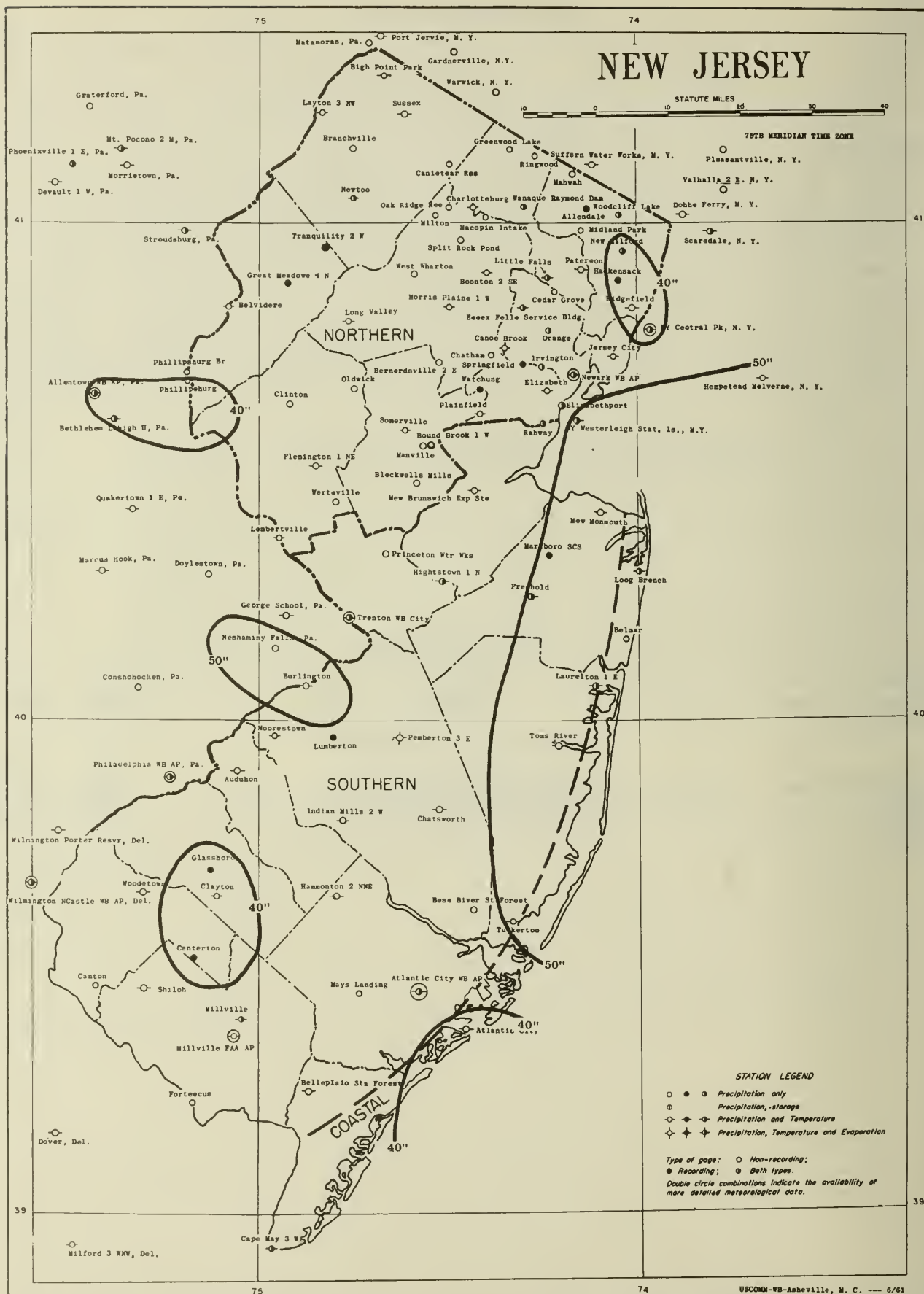
ATLANTIC CITY WB AP
BELLEPLAIN STA FOREST
GLASSBORO
PEMBERTON 3 E
PEMBERTON

Evaporation equipment removed
All equipment moved 1.7 miles S
Recorder moved 700 feet NE
All equipment moved 50 feet SW
Evaporation equipment installed

May 1, 1961
April 19, 1961
September 28, 1961
May 1, 1961
May 1, 1961

TOTAL PRECIPITATION

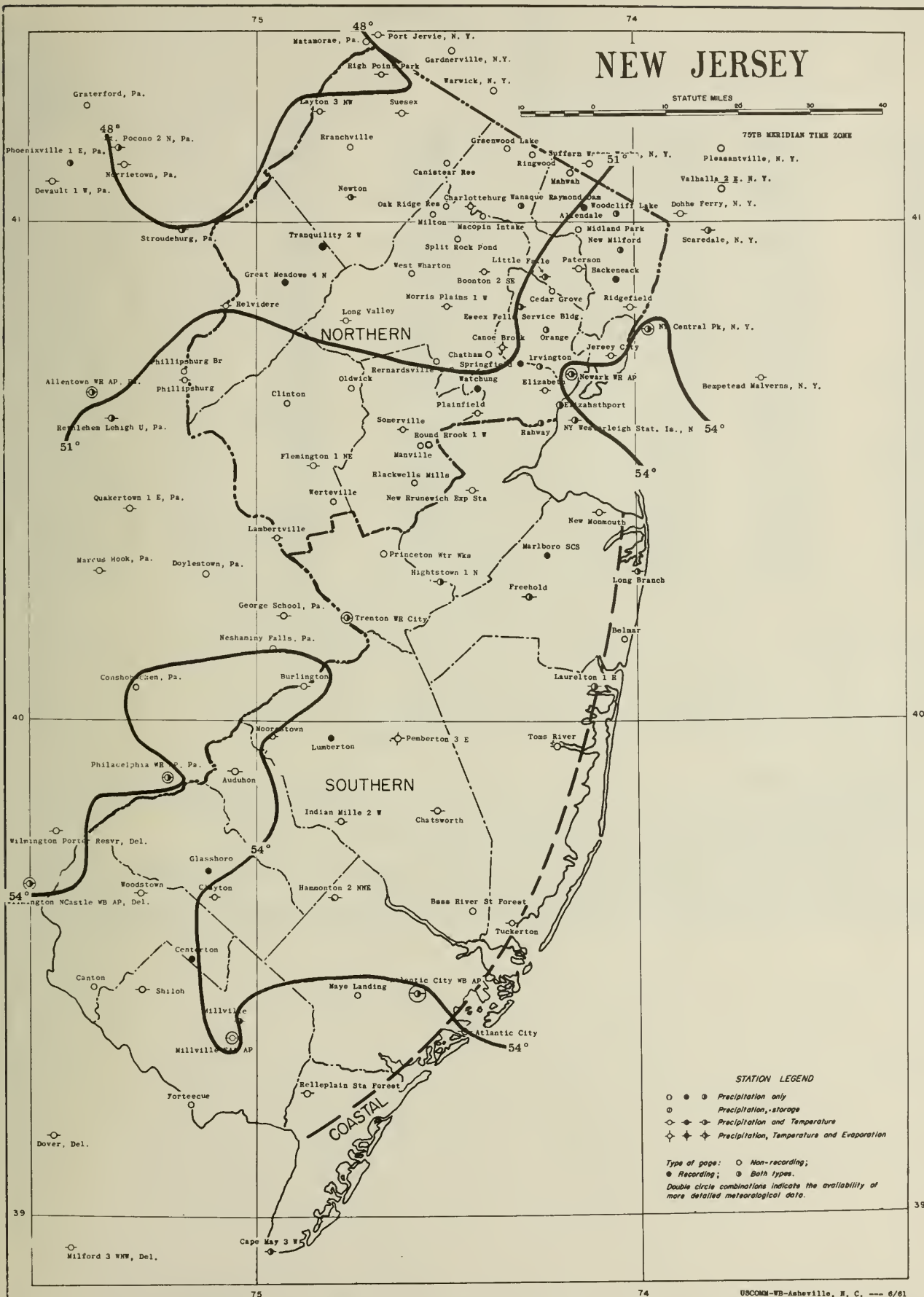
NEW JERSEY
1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

AVERAGE TEMPERATURE

NEW JERSEY
1961



Isolines are drawn through points of approximately equal values. Hourly precipitation data from recorder substations will be available in the publication "Hourly Precipitation Data". Caution advised in using these maps for interpolation, particularly in mountainous areas.

STATION INDEX

NEW JERSEY
1961

| Station | Index No. | County | Drainage ⁺ | Latitude | Longitude | Elevation | Years of record | | Opened or closed during yr. | Refer to tables | |
|------------------------|-----------|------------|-----------------------|----------|-----------|-----------|-----------------|---------|-----------------------------|-----------------|-------|
| | | | | | | | Temp. | Precip. | | | |
| ALLENOLE | 100 | BERGEN | 8 41 02 | 74 08 | 270 | | | | | | |
| ATLANTIC CITY WB AP | 311 | ATLANTIC | 1 39 27 | 74 35 | 58 | 4 | 4 | 3 | | 1 2 3 | C |
| ATLANTIC CITY | 325 | ATLANTIC | 1 39 23 | 74 26 | 10 | 88 | 88 | | | 1 2 3 | |
| AUGUBON | 346 | CAMDEN | 2 39 54 | 75 04 | 50 | 9 | 12 | | | 1 2 3 | |
| BASS RIVER ST FOREST | 528 | BURLINGTON | 1 39 37 | 74 26 | 20 | 15 | | | | 2 | |
| BELLEPLAIN STA FOREST | 690 | CAPE MAY | 1 39 15 | 74 52 | 30 | 67 | 67 | | | 1 2 3 | |
| BELMAR | 721 | MONMOUTH | 1 40 10 | 74 02 | 19 | 18 | | | | 1 2 3 | |
| BELVOIERE | 729 | WARREN | 2 40 50 | 75 05 | 275 | 69 | 69 | | | 1 2 3 | |
| BERNARDSVILLE 2 E | 797 | SOMERSET | 8 40 43 | 74 32 | 240 | 3 | | | | 2 | |
| BLACKWELLS MILLS | 847 | SOMERSET | 10 40 29 | 74 35 | 27 | 5 | | | | 2 | |
| BOONTON 2 SE | 907 | MORRIS | 8 40 54 | 74 24 | 280 | 53 | 71 | | | 1 2 3 | |
| BOUND BROOK 1 W | 927 | SOMERSET | 10 40 33 | 74 33 | 20 | 5 | | | | 2 | |
| BRANCHVILLE | 978 | SUSSEX | 5 41 09 | 74 45 | 580 | 60 | | | | 1 2 3 | |
| BURLINGTON | 1211 | BURLINGTON | 2 40 04 | 74 53 | 12 | 49 | 75 | | | 1 2 3 | |
| CANISTEAR RESERVOIR | 1327 | SUSSEX | 8 41 07 | 74 30 | 1040 | 21 | | | | 2 | |
| CANOE BROOK | 1335 | ESSEX | 8 40 45 | 74 21 | 180 | 31 | 31 | | | 1 2 3 4 | |
| CANTON | 1343 | SALEM | 2 39 28 | 75 25 | 20 | 15 | | | | 2 | |
| CAPE MAY 3 W | 1351 | CAPE MAY | 1 38 57 | 74 58 | 10 | 36 | 73 | | | 1 2 3 | C |
| CEDAR GROVE | 1472 | ESSEX | 8 40 52 | 74 13 | 400 | 21 | | | | 2 | |
| CERTONTON | 1512 | SALEM | 6 39 31 | 75 10 | 80 | 21 | | | | 2 | C |
| CHARLOTTEBURG | 1582 | PASSAIC | 8 41 03 | 74 26 | 760 | 69 | 69 | | | 1 2 3 | |
| CHATHAM | 1590 | MORRIS | 8 40 44 | 74 23 | 185 | 57 | | | | 2 | |
| CHATSORTH | 1598 | BURLINGTON | 1 39 49 | 74 32 | 100 | 17 | 17 | | | 1 2 3 | |
| CLAYTON | 1708 | GLOUCESTER | 6 39 39 | 75 06 | 120 | 48 | 68 | | | 1 2 3 | |
| CLINTON | 1749 | HUNTERDON | 10 40 38 | 74 55 | 300 | 18 | | | | 2 | |
| ELIZABETH | 2644 | UNION | 1 40 40 | 74 14 | 33 | 82 | 82 | | | 1 2 3 | |
| ELIZABETHPORT | 2652 | UNION | 8 40 38 | 74 12 | 10 | 22 | | | | 2 | C |
| ESSEX FIELDS SERV BLOG | 2768 | ESSEX | 8 40 50 | 74 18 | 250 | 13 | 13 | | | 1 2 3 | C |
| FLEMINGTON 1 NE | 3029 | HUNTERDON | 10 40 31 | 74 51 | 134 | 64 | 75 | | | 1 2 3 | |
| FORTESCUE | 3181 | CUMBERLAND | 2 39 18 | 75 10 | 5 | 15 | | | | 2 | |
| FREENGLO | 3191 | MONMOUTH | 10 40 15 | 74 17 | 194 | 57 | 57 | | | 1 2 3 | C |
| GLASSBORO | 3221 | GLOUCESTER | 2 39 42 | 75 07 | 135 | | | | | 2 | |
| GREAT MEADOWS 4 N | 3416 | WARREN | 2 40 56 | 74 55 | 540 | | | | | 2 | |
| GREENWOOD LAKE | 3516 | PASSAIC | 8 41 09 | 74 20 | 640 | 21 | | | | 2 | C |
| HACKENSACK | 3572 | BERGEN | 4 40 53 | 74 03 | 10 | | | | | 2 | |
| HAMMONTON 2 NNE | 3662 | ATLANTIC | 7 39 39 | 74 48 | 85 | 29 | 55 | | | 1 2 3 | |
| HIGH POINT PARK | 3935 | SUSSEX | 2 41 18 | 74 40 | 1570 | 5 | 5 | | | 1 2 3 | |
| HIGHTSTOWN 1 N | 3951 | MERCER | 10 40 17 | 74 31 | 100 | 65 | 66 | | | 1 2 3 | C |
| INDIAN HILLS 2 W | 4229 | BURLINGTON | 7 39 48 | 74 47 | 100 | 71 | 72 | | | 1 2 3 | |
| IRVINGTON | 4260 | ESSEX | 1 40 43 | 74 15 | 120 | 22 | | | | 2 | C |
| JERSEY CITY | 4339 | HUDSON | 1 40 44 | 74 04 | 135 | 63 | | | | 1 2 3 | |
| LANBERTVILLE | 4835 | HUNTERDON | 2 40 22 | 74 57 | 75 | 74 | | | | 1 2 3 | |
| LAURELTON 1 E | 4700 | OCEAN | 1 40 04 | 74 07 | 20 | 57 | 57 | | | 1 2 3 | C |
| LAYTON 3 NW | 4735 | SUSSEX | 2 41 15 | 74 51 | 480 | 60 | 60 | | | 1 2 3 | |
| LITTLE FALLS | 4887 | PASSAIC | 8 40 53 | 74 14 | 150 | 47 | 58 | | | 1 2 3 | C |
| LONG BRANCH | 4987 | MONMOUTH | 1 40 18 | 74 00 | 20 | 53 | 53 | | | 1 2 3 | C |
| LONG VALLEY | 5003 | MORRIS | 10 40 48 | 74 46 | 660 | 31 | 31 | | | 1 2 3 | |
| LUMBERTON | 5055 | BURLINGTON | 2 39 58 | 74 48 | 25 | | | | | 2 | C |
| MACOPIN INTAKE | 5071 | PASSAIC | 8 41 01 | 74 24 | 584 | 21 | | | | 2 | |
| MAHAW | 5104 | BERGEN | 8 41 06 | 74 10 | 253 | 5 | | | | 2 | |
| MANVILLE | 5197 | SOMERSET | 10 40 33 | 74 34 | 50 | | | | | 2 | |
| MARLBORO SCS | 5244 | MONMOUTH | 1 40 20 | 74 14 | 120 | | | | | 2 | C |
| MAYS LANDING | 5346 | ATLANTIC | 3 39 27 | 74 44 | 10 | 17 | | | | 2 | |
| MILANO PARK | 5503 | BERGEN | 8 40 59 | 74 09 | 210 | 15 | | | | 2 | |
| MILLVILLE | 5576 | CUMBERLAND | 6 39 24 | 75 03 | 60 | 5 | 21 | | | 1 2 3 | C |
| MILLVILLE FAA AIRPORT | 5581 | CUMBERLAND | 6 39 22 | 75 04 | 70 | 12 | 12 | | | 1 2 3 | |
| MILTON | 5597 | MORRIS | 8 41 01 | 74 32 | 950 | 21 | | | | 2 | |
| MOORESTOWN | 5728 | BURLINGTON | 2 39 58 | 74 58 | 55 | 98 | 98 | | | 1 2 3 | |
| MORRIS PLAINS | 5769 | MORRIS | 8 40 50 | 74 30 | 500 | 16 | 20 | | | 1 2 3 | |
| NEWARK WB AIRPORT | 6026 | ESSEX | 1 40 42 | 74 10 | 11 | 62 | 107 | | | 1 2 3 | C |
| NEW BRUNSWICK EXP STA | 6062 | MIDDLESEX | 10 40 28 | 74 26 | 86 | 104 | 107 | | | 1 2 3 | C |
| NEW MILFORD | 6146 | BERGEN | 4 40 57 | 74 02 | 12 | 43 | | | | 2 | C |
| NEW MONMOUTH | 6154 | MONMOUTH | 1 40 25 | 74 06 | 30 | 1 | 1 | | | 1 2 3 | |
| NEWTON | 6177 | SUSSEX | 2 41 03 | 74 45 | 565 | 78 | 78 | | | 1 2 3 | C |
| OAK RIDGE RESERVOIR | 6460 | PASSAIC | 8 41 02 | 74 30 | 870 | 21 | | | | 2 | |
| OLMICK | 6544 | HUNTERDON | 10 40 40 | 74 45 | 260 | 5 | | | | 2 | |
| ORANGE | 6560 | ESSEX | 8 40 47 | 74 14 | 140 | 21 | | | | 2 | C |
| PATERSON | 6775 | PASSAIC | 8 40 56 | 74 09 | 100 | 91 | 90 | | | 1 2 3 | |
| PEMBERTON 3 E | 6843 | BURLINGTON | 2 39 58 | 74 38 | 80 | 31 | 31 | | | 1 2 3 4 | |
| PHILLIPSBURG | 6974 | WARREN | 2 40 41 | 75 12 | 182 | 70 | 78 | | | 1 2 3 | |
| PHILLIPSBURG RPIGGE | 6979 | WARREN | 2 40 42 | 75 12 | 196 | 22 | | | | 1 2 3 | |
| PLAINFIELD | 7079 | UNION | 10 40 36 | 74 25 | 120 | 70 | 73 | | | 2 | |
| PRINCETON WATER WORKS | 7328 | MERCER | 10 40 20 | 74 40 | 60 | 13 | | | | 2 | |
| RAHWAY | 7393 | UNION | 8 40 36 | 74 15 | 20 | 22 | | | | 2 | C |
| RINGFIELD | 7545 | BERGEN | 4 40 50 | 74 01 | 80 | 43 | 43 | | | JUNE | 1 2 3 |
| RINGWOOD | 7587 | PASSAIC | 8 41 08 | 74 16 | 305 | 21 | | | | 2 | |
| SCHOOLEYS MOUNTAIN | 7898 | MORRIS | 10 40 48 | 74 48 | 1000 | 1 | | | | APR | 2 |
| SHILON | 8051 | CUMBERLAND | 2 39 28 | 75 18 | 120 | 4 | 4 | | | 1 2 3 | |
| SOMERVILLE | 8194 | SOMERSET | 10 40 34 | 74 37 | 75 | 75 | 78 | | | 1 2 3 | |
| SPLIT ROCK POND | 8402 | MORRIS | 8 40 58 | 74 28 | 800 | 21 | | | | 2 | |
| SPRINGFIELD | 8423 | UNION | 1 40 43 | 74 18 | - | | | | | 1 2 3 | C |
| SUSSEX | 8644 | SUSSEX | 5 41 13 | 74 37 | 440 | 63 | 66 | | | 2 | |
| TOMS RIVER | 8816 | OCEAN | 1 39 57 | 74 13 | 10 | 2 | 40 | | | 1 2 3 | C |
| TRANQUILITY 2 W | 8858 | WARREN | 2 40 57 | 74 50 | 551 | | | | | 1 2 3 | C |
| TRENTON WB CITY | 8883 | MERCER | 2 40 13 | 74 46 | 56 | 89 | 89 | | | 1 2 3 | C |
| TUCKERTON | 8899 | OCEAN | 1 39 36 | 74 20 | 10 | 61 | 66 | | | 1 2 3 | |
| WANAQUE RAYMOND OAM | 9187 | PASSAIC | 8 41 03 | 74 18 | 320 | 21 | | | | 2 | C |
| WATCHUNG | 9271 | UNION | 8 40 40 | 74 25 | - | | | | | 2 | C |
| WESTVILLE | 9363 | HUNTERDON | 10 40 27 | 74 48 | 160 | 5 | | | | JAN | 2 |
| WESTFIELD | 9455 | UNION | 8 40 39 | 74 21 | 138 | 23 | | | | 2 | C |
| WEST WHARTON | 9608 | MORRIS | 8 40 54 | 74 36 | 680 | 3 | | | | 2 | C |
| WOODCLIFF LAKE | 9832 | BERGEN | 4 41 01 | 74 03 | 103 | 43 | | | | 2 | C |
| WOODSTOWN | 9910 | SALEM | 2 39 39 | 75 19 | 50 | 13 | 21 | | | 1 2 3 | |

1-COASTAL; 2-DELAWARE; 3-GREAT EGG HARBOR; 4-HACKENSACK; 5-HUDSON; 6-AURICE; 7-MULICA; 8-PASSAIC; 9-RAHWAY; 10-RARITAN; 11-ROCKAWAY

REFERENCE NOTES

Additional information regarding the climate of New Jersey may be obtained by writing to the State Climatologist at the Weather Bureau Office, % General Delivery, Trenton, New Jersey, or to any Weather Bureau Office near you.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F; precipitation and evaporation in inches, and wind movement in miles.

Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following the "Evaporation and Wind" Table.

Climatological divisions, outlined on the maps in this bulletin became effective with data for September 1956.

Long-term means for full-time stations (those shown in the Station Index as "U. S. Weather Bureau") are based on the period 1921-1950, adjusted to represent observations taken at the present location. Long-term means for all stations except full-time Weather Bureau stations are based on the period 1931-1955.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

- No record.

+ Also earlier date (dates) or months.

* Amount included in following measurement.

Thermometers are generally exposed in a shelter located a few feet above and covered ground; however the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

B Adjusted to a full month.

C Data for recorder stations denoted by "C" in the "Refer to tables" column of the Station Index are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder - only stations may be found in the annual issue of "Hourly Precipitation Data".

E Amount is wholly or partially estimated.

G In the "Refer to tables" column of the Station Index the letter "G" indicates that soil temperatures are published.

M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.

T Trace, an amount too small to measure.

V Includes total for previous month. V in annual column means total is for a two-year period.

Information concerning the history of changes in location, elevations, exposures, etc., of substations through 1955 may be found in the publication "Substation History" for this state. That publication may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. for 15 cents. Similar information for regular Weather Bureau stations may be found in the latest annual issue of Local Climatological Data, obtained as indicated above, price 15 cents.

Subscription Price: 20 cents per copy, monthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary.) Checks, and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

USCOMM-WB-Asheville, N. C. --- 3/5/62 --- 900

